

INDEPENDENT ORBITER ASSESSMENT

**ASSESSMENT OF THE
ELECTRICAL POWER
DISTRIBUTION AND CONTROL
SUBSYSTEM
VOLUME 3 OF 3**

26 FEBRUARY 1988

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6188
NASA FMEA #: 05-6-2485-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6188
ITEM: HYBRID DRIVER TYPE II (INV 3 A ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] [] (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "83V76A18AR-J2(1)". IOA CONCURS
WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6189
NASA FMEA #: 05-6-2485-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6189
ITEM: HYBRID DRIVER TYPE II (INV 3 A ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "83V76A18AR-J2(1)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6190
NASA FMEA #: 05-6-2485-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6190
ITEM: HYBRID DRIVER TYPE II (INV 3 B ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "83V76A18AR-J2(2)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6191
NASA FMEA #: 05-6-2485-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6191
ITEM: HYBRID DRIVER TYPE II (INV 3 B ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "83V76A18AR-J2(2)". IOA CONCURS
WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6192
NASA FMEA #: 05-6-2485-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6192
ITEM: HYBRID DRIVER TYPE II (INV 3 C ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "83V76A18AR-J2(3)". IOA CONCURS
WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6193
NASA FMEA #: 05-6-2485-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6193
ITEM: HYBRID DRIVER TYPE II (INV 3 C ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] [] :
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "83V76A18AR-J2(3)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6194
NASA FMEA #: 05-6-2486-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6194
ITEM: HYBRID DRIVER TYPE III (INV 3 A ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]
RECOMMENDATIONS: (If different from NASA)					
	[/]	[]	[]	[]	[] (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "83V76A18AR-J4(1)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6195
NASA FMEA #: 05-6-2486-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6195
ITEM: HYBRID DRIVER TYPE III (INV 3 A ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.
REFERENCE DESIGNATOR SHOULD READ "83V76A18AR-J4(1)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6196
NASA FMEA #: 05-6-2486-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6196
ITEM: HYBRID DRIVER TYPE III (INV 3 B ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [:] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.
REFERENCE DESIGNATOR SHOULD READ "83V76A18AR-J4(2)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6197
NASA FMEA #: 05-6-2486-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6197
ITEM: HYBRID DRIVER TYPE III (INV 3 B ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "83V76A18AR-J4(2)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6198
NASA FMEA #: 05-6-2486-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6198
ITEM: HYBRID DRIVER TYPE III (INV 3 C ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]	(ADD/DELETE)
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* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "83V76A18AR-J4(3)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6199
NASA FMEA #: 05-6-2486-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6199
ITEM: HYBRID DRIVER TYPE III (INV 3 C ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.
REFERENCE DESIGNATOR SHOULD READ "83V76A18AR-J4(3)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6200
NASA FMEA #: 05-6-2487-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6200
ITEM: HYBRID DRIVER TYPE III (INV 3 A OFF)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6201
NASA FMEA #: 05-6-2487-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6201
ITEM: HYBRID DRIVER TYPE III (INV 3 A OFF)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6202
NASA FMEA #: 05-6-2487-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6202
ITEM: HYBRID DRIVER TYPE III (INV 3 B OFF)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6203
NASA FMEA #: 05-6-2487-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6203
ITEM: HYBRID DRIVER TYPE III (INV 3 B OFF)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6204
NASA FMEA #: 05-6-2487-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6204
ITEM: HYBRID DRIVER TYPE III (INV 3 C OFF)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6205
NASA FMEA #: 05-6-2487-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6205
ITEM: HYBRID DRIVER TYPE III (INV 3 C OFF)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6206
NASA FMEA #: 05-6-2297-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6206
ITEM: FUSE, 3A TO AC BUS 3C OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS AS IOA WAS UNDER THE IMPRESSION THAT THE INPUT RELAY TO THE AC INVERTERS WAS LATCHING, WHEN IN FACT, IT IS NOT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6207
NASA FMEA #: 05-6-2297-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6207
ITEM: FUSE, 3A TO AC BUS 3B OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS AS IOA WAS UNDER THE IMPRESSION THAT THE INPUT RELAY TO THE AC INVERTERS WAS LATCHING, WHEN IN FACT, IT IS NOT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6208
NASA FMEA #: 05-6-2297-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6208
ITEM: FUSE, 3A TO AC BUS 3A OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS AS IOA WAS UNDER THE IMPRESSION THAT THE INPUT RELAY TO THE AC INVERTERS WAS LATCHING, WHEN IN FACT, IT IS NOT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6209
NASA FMEA #: 05-6-2297-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6209
ITEM: FUSE, 3A TO AC BUS 3C ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS AS IOA WAS UNDER THE IMPRESSION THAT THE INPUT RELAY TO THE AC INVERTERS WAS LATCHING, WHEN IN FACT, IT IS NOT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6210
NASA FMEA #: 05-6-2297-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6210
ITEM: FUSE, 3A TO AC BUS 3B ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS AS IOA WAS UNDER THE IMPRESSION THAT THE INPUT RELAY TO THE AC INVERTERS WAS LATCHING, WHEN IN FACT, IT IS NOT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6211
NASA FMEA #: 05-6-2297-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6211
ITEM: FUSE, 3A TO AC BUS 3A ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS AS IOA WAS UNDER THE IMPRESSION THAT THE INPUT RELAY TO THE AC INVERTERS WAS LATCHING, WHEN IN FACT, IT IS NOT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6212
NASA FMEA #: 05-6-2287-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6212
ITEM: FUSE, 80A TO INV 3 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6213
NASA FMEA #: 05-6-2287-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6213
ITEM: FUSE, 80A TO INV 3 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6214
NASA FMEA #: 05-6-2287-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6214
ITEM: FUSE, 80A TO INV 3 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6215
NASA FMEA #: 05-6-2199-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6215
ITEM: DIODE, ISOLATION

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6216
NASA FMEA #: 05-6-2199-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6216
ITEM: DIODE, ISOLATION

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6217
NASA FMEA #: 05-6-2199-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6217
ITEM: DIODE, ISOLATION

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6218
NASA FMEA #: 05-6-2199-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6218
ITEM: DIODE, ISOLATION

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6219
NASA FMEA #: 05-6-2199-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6219
ITEM: DIODE, ISOLATION

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6220
NASA FMEA #: 05-6-2199-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6220
ITEM: DIODE, ISOLATION

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6221
NASA FMEA #: 05-6-2200-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6221
ITEM: DIODE TO INV 3 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6222
NASA FMEA #: 05-6-2200-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6222
ITEM: DIODE TO INV 3 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6223
NASA FMEA #: 05-6-2200-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6223
ITEM: DIODE TO INV 3 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
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(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6224
NASA FMEA #: 05-6-2200-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6224
ITEM: DIODE TO INV 3 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6225
NASA FMEA #: 05-6-2200-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6225
ITEM: DIODE TO INV 3 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6226
NASA FMEA #: 05-6-2200-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6226
ITEM: DIODE TO INV 3 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6227
NASA FMEA #: 05-6-2346-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6227
ITEM: RESISTOR, 5.1K 1/4W (TO MDM OF3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6228
NASA FMEA #: 05-6-2346-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6228
ITEM: RESISTOR, 5.1K 1/4W (TO MDM OF3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6229
NASA FMEA #: 05-6-2346-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6229
ITEM: RESISTOR, 5.1K 1/4W (TO MDM OF3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6230
NASA FMEA #: 05-6-2390-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6230
ITEM: RPC, 7.5A TO INV 3 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]
RECOMMENDATIONS: (If different from NASA)					
	[/]	[]	[]	[]	[] (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6231
NASA FMEA #: 05-6-2390-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6231
ITEM: RPC, 7.5A TO INV 3 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]
RECOMMENDATIONS: (If different from NASA)					
	[/]	[]	[]	[]	[] (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6232
NASA FMEA #: 05-6-2390-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6232
ITEM: RPC, 7.5A TO INV 3 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6233
NASA FMEA #: 05-6-2390-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6233
ITEM: RPC, 7.5A TO INV 3 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6234
NASA FMEA #: 05-6-2390-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6234
ITEM: RPC, 7.5A TO INV 3 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6235
NASA FMEA #: 05-6-2390-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6235
ITEM: - RPC, 7.5A TO INV 3 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6236
NASA FMEA #: 05-6-2139-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6236
ITEM: RELAY, LATCHING TO INVERTER 3A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6237
NASA FMEA #: 05-6-2139-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6237
ITEM: RELAY, LATCHING TO INVERTER 3A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6238
NASA FMEA #: 05-6-2139-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6238
ITEM: RELAY, LATCHING TO INVERTER 3B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE:	6/04/87	NASA DATA:
ASSESSMENT ID:	EPD&C-6239	BASELINE []
NASA FMEA #:	05-6-2139-1	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6239
ITEM: RELAY, LATCHING TO INVERTER 3B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
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(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6240
NASA FMEA #: 05-6-2139-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6240
ITEM: RELAY, LATCHING TO INVERTER 3C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

CRITICALITY FLIGHT HDW/FUNC		REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
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(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87	NASA DATA:
ASSESSMENT ID: EPD&C-6241	BASELINE []
NASA FMEA #: 05-6-2139-2	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6241
ITEM: RELAY, LATCHING TO INVERTER 3C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY	SCREENS		CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[] (ADD/DELETE)
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* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[X]
INADEQUATE	[]

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6242
NASA FMEA #: 05-6-2015-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6242
ITEM: INVERTER 3 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6243
NASA FMEA #: 05-6-2015-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6243
ITEM: INVERTER 3 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/15/87
ASSESSMENT ID: EPD&C-6244
NASA FMEA #: 05-6-2015-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6244
ITEM: INVERTER 3 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6245
NASA FMEA #: 05-6-2015-4

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6245
ITEM: INVERTER 3 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[N /]	[]	[]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
ASSESSMENT ID: EPD&C-6245A
NASA FMEA #: 05-6-2015-5

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6245
ITEM: INVERTER 3 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6246
 NASA FMEA #: 05-6-2015-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6246
 ITEM: INVERTER 3 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6247
NASA FMEA #: 05-6-2015-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6247
ITEM: INVERTER 3 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/15/87
ASSESSMENT ID: EPD&C-6248
NASA FMEA #: 05-6-2015-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6248
ITEM: INVERTER 3 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:
IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6249
NASA FMEA #: 05-6-2015-4

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6249
ITEM: INVERTER 3 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[N /]	[]	[]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
ASSESSMENT ID: EPD&C-6249A
NASA FMEA #: 05-6-2015-5

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6249
ITEM: INVERTER 3 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6250
NASA FMEA #: 05-6-2015-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6250
ITEM: INVERTER 3 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6251
NASA FMEA #: 05-6-2015-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6251
ITEM: INVERTER 3 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/15/87
ASSESSMENT ID: EPD&C-6252
NASA FMEA #: 05-6-2015-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6252
ITEM: INVERTER 3 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6253
NASA FMEA #: 05-6-2015-4

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6253
ITEM: INVERTER 3 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[N /]	[]	[]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
ASSESSMENT ID: EPD&C-6253A
NASA FMEA #: 05-6-2015-5

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6253
ITEM: INVERTER 3 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
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(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6254
NASA FMEA #: 05-6-2475-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6254
ITEM: HYBRID DRIVER TYPE III (AC BUS 3 ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6255
NASA FMEA #: 05-6-2475-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6255
ITEM: HYBRID DRIVER TYPE III (AC BUS 3 ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION BECAUSE IOA THOUGHT THE INVERTER INPUT POWER WAS SUPPLIED THROUGH A LATCHING RELAY AND THE RELAY DOES NOT LATCH.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6256
NASA FMEA #: 05-6-2474-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6256
ITEM: HYBRID DRIVER TYPE III (AC BUS 3 OFF)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION DUE TO CONCERNS ABOUT
INADVERTENT POWERING OF THE PREFLIGHT TEST BUS. REFERENCE
DESIGNATOR SHOULD READ "83V76A18AR(III)J1-109".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6257
NASA FMEA #: 05-6-2474-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6257
ITEM: HYBRID DRIVER TYPE III (AC BUS 3 OFF)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "83V76A18AR(III)J1-109".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/18/87
ASSESSMENT ID: EPD&C-6258
NASA FMEA #: 05-6-2216-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6258
ITEM: SWITCH, TOGGLE 3PDT (INV/AC BUS 3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

NASA HAS REDEFINED THIS FAILURE MODE AS: FAILS CLOSED IN "ON" POSITION, "ON" CONTACT SHORTS TO GROUND. IOA CONCURS WITH NASA REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/18/87
ASSESSMENT ID: EPD&C-6259
NASA FMEA #: 05-6-2216-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6259
ITEM: SWITCH, TOGGLE 3PDT (INV/AC BUS 3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

NASA HAS REDEFINED THIS FAILURE MODE AS: "FAILS CLOSED IN "OFF" POSITION, "OFF" CONTACT SHORTS TO GROUND. IOA CONCURS WITH NASA REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6260
NASA FMEA #: 05-6-2223-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6260
ITEM: SWITCH, TOGGLE SPDT (AC 3 BUS SNSR)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

FAILURE MODE CHANGED TO FAILS OPEN OR SHORTS TO GROUND - IOA
CONCURS WITH NASA REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/01/87
ASSESSMENT ID: EPD&C-6260A
NASA FMEA #: 05-6-2223-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6260
ITEM: SWITCH, TOGGLE SPDT (AC 3 BUS SNSR)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6261
NASA FMEA #: 05-6-2223-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6261
ITEM: SWITCH, TOGGLE SPDT (AC 3 BUS SNSR)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

FAILURE MODE CHANGED TO FAILS CLOSED IN MONITER POSITION - IOA
CONCURS WITH NASA REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6262
NASA FMEA #: 05-6-2265-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6262
ITEM: CIRCUIT BREAKER, 3A TO AC3 BUS SENSOR

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE:	6/06/87	NASA DATA:
ASSESSMENT ID:	EPD&C-6263	BASELINE []
NASA FMEA #:	05-6-2265-2	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6263
ITEM: CIRCUIT BREAKER, 3A TO AC3 BUS SENSOR

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[X]
INADEQUATE	[]

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6264
NASA FMEA #: 05-6-2361-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6264
ITEM: AC OVER/UNDER VOLT SNSR 3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6265
NASA FMEA #: 05-6-2361-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6265
ITEM: AC OVER/UNDER VOLT SNSR 3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[F]	[NA]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6266
NASA FMEA #: 05-6-2195-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6266
ITEM: . DIODE, BLOCKING 1A (TO 3 A SET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87	NASA DATA:
ASSESSMENT ID: EPD&C-6267	BASELINE []
NASA FMEA #: 05-6-2195-2	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6267
ITEM: DIODE, BLOCKING 1A (TO 3 A SET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY	SCREENS		CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[] (ADD/DELETE)
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* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

IOA CONCURS WITH NASA DUE TO CONCERNS OF INADVERTENTLY POWERING THE PREFLIGHT TEST BUS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6268
NASA FMEA #: 05-6-2195-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6268
ITEM: DIODE, BLOCKING 1A (TO 3 B SET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

2

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87	NASA DATA:
ASSESSMENT ID: EPD&C-6269	BASELINE []
NASA FMEA #: 05-6-2195-2	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6269
ITEM: DIODE, BLOCKING 1A (TO 3 B SET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY	SCREENS		CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]	[]	(ADD/DELETE)
-------------	--------	--------	--------	--------	--------	--------------

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

IOA CONCURS WITH NASA DUE TO CONCERNS OF INADVERTENTLY POWERING THE PREFLIGHT TEST BUS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6270
NASA FMEA #: 05-6-2195-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6270
ITEM: DIODE, BLOCKING 1A (TO 3 C SET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6271
NASA FMEA #: 05-6-2195-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6271
ITEM: DIODE, BLOCKING 1A (TO 3 C SET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA DUE TO CONCERNS OF INADVERTENTLY POWERING THE PREFLIGHT TEST BUS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6272
NASA FMEA #: 05-6-2195-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6272
ITEM: DIODE, BLOCKING 1A (TO 3 A RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87	NASA DATA:
ASSESSMENT ID: EPD&C-6273	BASELINE []
NASA FMEA #: 05-6-2195-2	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6273
ITEM: DIODE, BLOCKING 1A (TO 3 A RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS	CIL ITEM
	A	B	C
NASA [3 /1R]	[P]	[NA]	[P]
IOA [3 /1R]	[F]	[F]	[P]
COMPARE [/]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

IOA CONCURS WITH NASA DUE TO CONCERNS OF INADVERTENTLY POWERING THE PREFLIGHT TEST BUS. IOA CONCURS WITH NASA'S SCREENS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6274
NASA FMEA #: 05-6-2195-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6274
ITEM: DIODE, BLOCKING 1A (TO 3 B RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6275
NASA FMEA #: 05-6-2195-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6275
ITEM: DIODE, BLOCKING 1A (TO 3 B RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[/]	[N]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA DUE TO CONCERNS OF INADVERTENTLY POWERING THE PREFLIGHT TEST BUS. IOA CONCURS WITH NASA'S SCREENS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6276
NASA FMEA #: 05-6-2195-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6276
ITEM: DIODE, BLOCKING 1A (TO 3 C RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6277
NASA FMEA #: 05-6-2195-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6277
ITEM: DIODE, BLOCKING 1A (TO 3 C RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[/]	[N]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA DUE TO CONCERNS OF INADVERTENTLY POWERING THE PREFLIGHT TEST BUS. IOA CONCURS WITH NASA'S SCREENS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6278
NASA FMEA #: 05-6-2204-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6278
ITEM: DIODE, BLOCKING 1A (TO 3 C RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS DUE TO CONCERNS ABOUT AC
INVERTER OVERVOLTAGE CONDITIONS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6279
NASA FMEA #: 05-6-2204-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6279
ITEM: DIODE, BLOCKING 1A (TO 3 C RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

C-2

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6280
NASA FMEA #: 05-6-2204-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6280
ITEM: DIODE, BLOCKING 1A (TO 3 B RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS DUE TO CONCERNS ABOUT AC
INVERTER OVERVOLTAGE CONDITIONS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6281
NASA FMEA #: 05-6-2204-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6281
ITEM: DIODE, BLOCKING 1A (TO 3 B RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6282
NASA FMEA #: 05-6-2204-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6282
ITEM: DIODE, BLOCKING 1A (TO 3 A RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS DUE TO CONCERNS ABOUT AC
INVERTER OVERVOLTAGE CONDITIONS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6283
NASA FMEA #: 05-6-2204-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6283
ITEM: DIODE, BLOCKING 1A (TO 3 A RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6284
NASA FMEA #: 05-6-2347-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6284
ITEM: RESISTOR, 5.1K 1/4W (TO MDM OF3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6285
NASA FMEA #: 05-6-2347-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6285
ITEM: RESISTOR, 5.1K 1/4W (TO MDM OF3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6286
NASA FMEA #: 05-6-2347-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6286
ITEM: RESISTOR, 5.1K 1/4W (TO MDM OF3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6287
NASA FMEA #: 05-6-2347-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6287
ITEM: RESISTOR, 5.1K 1/4W (TO MDM OF3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6288
NASA FMEA #: 05-6-2347-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6288
ITEM: RESISTOR, 5.1K 1/4W (TO MDM OF3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6289
NASA FMEA #: 05-6-2349-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6289
ITEM: RESISTOR, 2.2K 1/4W

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
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(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6290
NASA FMEA #: 05-6-2332-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6290
ITEM: RESISTOR, 1.8K 1/4W (TO MDM OF3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6291
NASA FMEA #: 05-6-2332-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6291
ITEM: RESISTOR, 1.8K 1/4W (TO MDM OF3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6292
NASA FMEA #: 05-6-2349-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6292
ITEM: RESISTOR, 2.2K 1/4W

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]	[]
					(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6293
NASA FMEA #: 05-6-2353-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6293
ITEM: RESISTOR, 100K (AC BUS 3 A CURRENT)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6294
NASA FMEA #: 05-6-2353-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6294
ITEM: RESISTOR, 100K (AC BUS 3 B CURRENT)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6295
NASA FMEA #: 05-6-2353-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6295
ITEM: RESISTOR, 100K (AC BUS 3 C CURRENT)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY		REDUNDANCY SCREENS			CIL ITEM
	FLIGHT	HDW/FUNC	A	B	C	
NASA	[3 /3]		[]	[]	[]	[] *
IOA	[3 /3]		[]	[]	[]	
COMPARE	[/]		[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6296
NASA FMEA #: 05-6-2352-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6296
ITEM: RESISTOR, 150K 1/2W (AC BUS 3 A VOLTAGE)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87	NASA DATA:
ASSESSMENT ID: EPD&C-6297	BASELINE []
NASA FMEA #: 05-6-2352-1	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6297
ITEM: RESISTOR, 150K 1/2W (AC BUS 3 B VOLTAGE)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS		CIL ITEM
		A	B	C
NASA	[3 / 3]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]
COMPARE	[/]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[] (ADD/DELETE)
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* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6298
NASA FMEA #: 05-6-2352-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6298
ITEM: RESISTOR, 150K 1/2W (AC BUS 3 C VOLTAGE)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6299
NASA FMEA #: 05-6-2352-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6299
ITEM: RESISTOR, 4.3K 1/8W (AC BUS 3 A VOLTAGE)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6300
NASA FMEA #: 05-6-2352-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6300
ITEM: RESISTOR, 4.3K 1/8W (AC BUS 3 B VOLTAGE)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6301
NASA FMEA #: 05-6-2352-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6301
ITEM: RESISTOR, 4.3K 1/8W (AC BUS 3 C VOLTAGE)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6302
NASA FMEA #: 05-6-2264-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6302
ITEM: FUSE, 3A TO AC BUS 3 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6303
NASA FMEA #: 05-6-2264-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6303
ITEM: FUSE, 3A TO AC BUS 3 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:
IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6304
NASA FMEA #: 05-6-2264-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6304
ITEM: FUSE, 3A TO AC BUS 3 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6305
NASA FMEA #: 05-6-2259-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6305
ITEM: FUSE, 3A TO AC VOLTMETER

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6306
NASA FMEA #: 05-6-2259-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6306
ITEM: FUSE, 3A TO AC VOLTMETER

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6307
NASA FMEA #: 05-6-2259-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6307
ITEM: FUSE, 3A TO AC VOLTMETER

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6308
NASA FMEA #: 05-6-2016-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6308
ITEM: RELAY, LATCHING TO AC BUS 3A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6309
NASA FMEA #: 05-6-2016-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6309
ITEM: RELAY, LATCHING TO AC BUS 3A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] : []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6310
NASA FMEA #: 05-6-2016-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6310
ITEM: RELAY, LATCHING TO AC BUS 3B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6311
NASA FMEA #: 05-6-2016-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6311
ITEM: RELAY, LATCHING TO AC BUS 3B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6312
NASA FMEA #: 05-6-2016-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6312
ITEM: RELAY, LATCHING TO AC BUS 3C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6313
NASA FMEA #: 05-6-2016-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6313
ITEM: RELAY, LATCHING TO AC BUS 3C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6314
NASA FMEA #: 05-6-2298-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6314
ITEM: CIRCUIT BREAKER, 3A 3-P

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /2R]	[P]	[P]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6315
NASA FMEA #: 05-6-2298-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6315
ITEM: CIRCUIT BREAKER, 3A 3-P

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6316
NASA FMEA #: 05-6-2298-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6316
ITEM: CIRCUIT BREAKER, 3A 3-P

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

CRITICALITY FLIGHT HDW/FUNC		REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /2R]	[P]	[P]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6317
NASA FMEA #: 05-6-2298-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6317
ITEM: CIRCUIT BREAKER, 3A 3-P

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[]
IOA	[3 / 3]	[]	[]	[]	[] *
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

REMARKS: ADEQUATE []
 INADEQUATE []

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6318
NASA FMEA #: 05-6-2232-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6318
ITEM: SWITCH, TOGGLE 3PDT (AC BUS 3 UTIL PWR)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6319
NASA FMEA #: 05-6-2232-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6319
ITEM: SWITCH, TOGGLE 3PDT (AC BUS 3 UTIL PWR)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6320
NASA FMEA #: 05-6-2232-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6320
ITEM: SWITCH, TOGGLE 3PDT (AC BUS 3 UTIL PWR)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6321
NASA FMEA #: 05-6-2232-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6321
ITEM: SWITCH, TOGGLE 3PDT (AC BUS 3 UTIL PWR)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
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(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6322
NASA FMEA #: 05-6-2611-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6322
ITEM: CIRCUIT BREAKER AC 3A TO RCS/OMS-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B" AND THE ASSUMPTION THAT A
"POPPED" CIRCUIT BREAKER IS NOT READILY DETECTABLE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6323
NASA FMEA #: 05-6-2611-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6323
ITEM: CIRCUIT BREAKER AC 3A TO RCS/OMS-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
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(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6324
NASA FMEA #: 05-6-2611-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6324
ITEM: CIRCUIT BREAKER AC 3B TO RCS/OMS-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B" AND THE ASSUMPTION THAT A
"POPPED" CIRCUIT BREAKER IS NOT READILY DETECTABLE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6325
NASA FMEA #: 05-6-2611-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6325
ITEM: CIRCUIT BREAKER AC 3B TO RCS/OMS-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6326
NASA FMEA #: 05-6-2611-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6326
ITEM: CIRCUIT BREAKER AC 3C TO RCS/OMS-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B" AND THE ASSUMPTION THAT A
"POPPED" CIRCUIT BREAKER IS NOT READILY DETECTABLE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6327
NASA FMEA #: 05-6-2611-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6327
ITEM: CIRCUIT BREAKER AC 3C TO RCS/OMS-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6328
NASA FMEA #: 05-6-2618-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6328
ITEM: CIRCUIT BREAKER TO FMCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6329
NASA FMEA #: 05-6-2618-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6329
ITEM: CIRCUIT BREAKER TO FMCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6330
NASA FMEA #: 05-6-2614-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6330
ITEM: CIRCUIT BREAKER TO MMCA-2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87	NASA DATA:
ASSESSMENT ID: EPD&C-6331	BASELINE []
NASA FMEA #: 05-6-2614-2	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6331
ITEM: CIRCUIT BREAKER TO MMCA-2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY	SCREENS		CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]	[]	
						(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[X]
INADEQUATE	[]

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AS IOA WAS UNAWARE OF "PSYCHOTIC GPC" CONCERNS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6332
NASA FMEA #: 05-6-2613-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6332
ITEM: CIRCUIT BREAKER TO MMCA-4

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6333
NASA FMEA #: 05-6-2613-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6333
ITEM: CIRCUIT BREAKER TO MMCA-4

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AS IOA WAS UNAWARE OF
"PSYCHOTIC GPC" CONCERNS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6334
NASA FMEA #: 05-6-2612-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6334
ITEM: CIRCUIT BREAKER TO AMCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6335
NASA FMEA #: 05-6-2612-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6335
ITEM: CIRCUIT BREAKER TO AMCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6336
NASA FMEA #: 05-6EB-2004-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6336
ITEM: RELAY TO PLBD AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6337
NASA FMEA #: 05-6EB-2004-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6337
ITEM: RELAY TO PLBD AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6338
NASA FMEA #: 05-6EB-2004-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6338
ITEM: RELAY TO PLBD AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6339
NASA FMEA #: 05-6EB-2004-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6339
ITEM: RELAY TO PLBD AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6340
NASA FMEA #: 05-6EB-2004-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6340
ITEM: RELAY TO PLBD AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6341
NASA FMEA #: 05-6EB-2004-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6341
ITEM: RELAY TO PLBD AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6342
NASA FMEA #: 05-6EB-2004-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6342
ITEM: RELAY TO PLBD AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
-------	-----	-----	-----	-----

(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6343
NASA FMEA #: 05-6EB-2004-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6343
ITEM: RELAY TO PLBD AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] [] :
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-6344
NASA FMEA #: 05-6-2757-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6344
ITEM: RELAY, 4P TO PLBM-AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "COIL SHORT TO GROUND" TO THIS FMEA. RELAY STATUS CAN BE DETECTED VIA TELEMETRY. IOA CONCURS WITH THE NASA REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-6344A
NASA FMEA #: 05-6-2757-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6344
ITEM: RELAY, 4P TO PLBM-AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-6345
NASA FMEA #: 05-6-2757-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6345
ITEM: RELAY, 4P TO PLBM-AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

THE "B" SCREEN PASSES BECAUSE THE GROUND CAN MONITER THE RELAY STATE WITH THE MCA OPERATIONAL STATUS MEASUREMENT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-6346
NASA FMEA #: 05-6-2757-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6346
ITEM: RELAY, 4P TO PLBM-AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "COIL SHORT TO GROUND" TO THIS FMEA. RELAY STATUS CAN BE DETECTED VIA TELEMETRY. IOA CONCURS WITH THE NASA REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-6346A
NASA FMEA #: 05-6-2757-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6346
ITEM: RELAY, 4P TO PLBM-AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-6347
NASA FMEA #: 05-6-2757-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6347
ITEM: RELAY, 4P TO PLBM-AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

THE "B" SCREEN PASSES BECAUSE THE GROUND CAN MONITER THE RELAY STATE WITH THE MCA OPERATIONAL STATUS MEASUREMENT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-6348
NASA FMEA #: 05-6-2753-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6348
ITEM: RELAY, 4P TO PLBM-AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "COIL SHORT TO GROUND" TO THIS FMEA. RELAY STATUS CAN BE DETECTED VIA TELEMETRY. IOA CONCURS WITH THE NASA REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-6348A
NASA FMEA #: 05-6-2753-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6348
ITEM: RELAY, 4P TO PLBM-AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-6349
NASA FMEA #: 05-6-2753-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6349
ITEM: RELAY, 4P TO PLBM-AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

THE "B" SCREEN PASSES BECAUSE THE GROUND CAN MONITER THE RELAY
STATE WITH THE MCA OPERATIONAL STATUS MEASUREMENT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-6350
NASA FMEA #: 05-6-2753-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6350
ITEM: RELAY, 4P TO PLBM-AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "COIL SHORT TO GROUND" TO THIS FMEA. RELAY STATUS CAN BE DETECTED VIA TELEMETRY. IOA CONCURS WITH THE NASA REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-6350A
NASA FMEA #: 05-6-2753-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6350
ITEM: RELAY, 4P TO PLBM-AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-6351
NASA FMEA #: 05-6-2753-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6351
ITEM: RELAY, 4P TO PLBM-AC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

THE "B" SCREEN PASSES BECAUSE THE GROUND CAN MONITER THE RELAY STATE WITH THE MCA OPERATIONAL STATUS MEASUREMENT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6352
NASA FMEA #: 05-6-2359-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6352
ITEM: RESISTOR, 1.2K 2W (TO MEC #1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[N /]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA - IOA DID NOT CONSIDER ET IMPACT FOOTPRINT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/02/87	NASA DATA:
ASSESSMENT ID: EPD&C-6352A	BASELINE []
NASA FMEA #: 05-6-2359-2	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6352
ITEM: RESISTOR, 1.2K 2W (TO MEC #1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY	SCREENS		CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6353
NASA FMEA #: 05-6-2359-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6353
ITEM: RESISTOR, 1.2K 2W (TO MEC #1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA - IOA DID NOT CONSIDER ET IMPACT FOOTPRINT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/02/87
ASSESSMENT ID: EPD&C-6353A
NASA FMEA #: 05-6-2359-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6353
ITEM: RESISTOR, 1.2K 2W (TO MEC #1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6354
NASA FMEA #: 05-6-2359-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6354
ITEM: RESISTOR, 1.2K 2W (TO MEC #2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA - IOA DID NOT CONSIDER ET IMPACT FOOTPRINT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/02/87
ASSESSMENT ID: EPD&C-6354A
NASA FMEA #: 05-6-2359-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6354
ITEM: RESISTOR, 1.2K 2W (TO MEC #2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6355
NASA FMEA #: 05-6-2359-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6355
ITEM: RESISTOR, 1.2K 2W (TO MEC #2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[N /]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA - IOA DID NOT CONSIDER ET IMPACT FOOTPRINT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/02/87
ASSESSMENT ID: EPD&C-6355A
NASA FMEA #: 05-6-2359-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6355
ITEM: RESISTOR, 1.2K 2W (TO MEC #2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6356
NASA FMEA #: 05-6-2231-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6356
ITEM: SWITCH, TOGGLE DPDT (MEC 1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "SHORTS" TO THIS FMEA. IOA
CONCURS WITH NASA'S REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6357
NASA FMEA #: 05-6-2231-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6357
ITEM: SWITCH, TOGGLE DPDT (MEC 1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[N /]	[]	[]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "SHORTS TO GROUND" TO THIS FMEA.
IOA CONCURS WITH NASA'S REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6358
NASA FMEA #: 05-6-2231-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6358
ITEM: SWITCH, TOGGLE DPDT (MEC 2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]	(ADD/DELETE)
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* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "SHORTS" TO THIS FMEA. IOA
CONCURS WITH NASA'S REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6359
NASA FMEA #: 05-6-2231-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6359
ITEM: SWITCH, TOGGLE DPDT (MEC 2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[N /]	[]	[]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "SHORTS TO GROUND" TO THIS FMEA.
IOA CONCURS WITH NASA'S REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6360
NASA FMEA #: 05-6-2360-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6360
ITEM: RESISTOR, 5.1K 1/4W TO MDM OA1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

2 APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6361
NASA FMEA #: 05-6-2360-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6361
ITEM: RESISTOR, 5.1K 1/4W TO MDM OA2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6362
NASA FMEA #: 05-6-2393-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6362
ITEM: RPC, 10A TO MEC #2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[N /]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "SHORTS TO GROUND" TO THIS FMEA.
IOA CONCURS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6363
NASA FMEA #: 05-6-2393-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6363
ITEM: RPC, 10A TO MEC #2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6364
NASA FMEA #: 05-6-2393-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6364
ITEM: RPC, 10A TO MEC #2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[N /]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "SHORTS TO GROUND" TO THIS FMEA.
IOA CONCURS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6365
NASA FMEA #: 05-6-2393-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6365
ITEM: RPC, 10A TO MEC #2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6366
NASA FMEA #: 05-6-2393-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6366
ITEM: RPC, 10A TO MEC #1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[N /]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "SHORTS TO GROUND" TO THIS FMEA.
IOA CONCURS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6367
NASA FMEA #: 05-6-2393-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6367
ITEM: RPC, 10A TO MEC #1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6368
NASA FMEA #: 05-6-2393-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6368
ITEM: RPC, 10A TO MEC #1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[N /]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]	[]
					(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "SHORTS TO GROUND" TO THIS FMEA.
IOA CONCURS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6369
NASA FMEA #: 05-6-2393-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6369
ITEM: RPC, 10A TO MEC #1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6370
NASA FMEA #: 05-6-2181-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6370
ITEM: DIODE, ISOLATION 12A (TO CONT BUS CA1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]
RECOMMENDATIONS: (If different from NASA)					
	[/]	[]	[]	[]	[:] (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "SHORTS TO GROUND" TO THIS FMEA.
IOA CONCURS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6371
NASA FMEA #: 05-6-2181-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6371
ITEM: DIODE, ISOLATION 12A (TO CONT BUS CA1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] : []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6372
NASA FMEA #: 05-6-2181-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6372
ITEM: DIODE, ISOLATION 12A (TO CONT BUS CA2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
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(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6373
NASA FMEA #: 05-6-2181-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6373
ITEM: DIODE, ISOLATION 12A (TO CONT BUS CA2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "SHORTS TO GROUND" TO THIS FMEA.
IOA CONCURS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6374
NASA FMEA #: 05-6-2181-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6374
ITEM: DIODE, ISOLATION 12A (TO CONT BUS CA3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] : [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "SHORTS TO GROUND" TO THIS FMEA.
IOA CONCURS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6375
NASA FMEA #: 05-6-2181-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6375
ITEM: DIODE, ISOLATION 12A (TO CONT BUS CA3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
ASSESSMENT ID: EPD&C-6376
NASA FMEA #: 05-6-2183-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6376
ITEM: DIODE, ISOLATION 12A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
ASSESSMENT ID: EPD&C-6377
NASA FMEA #: 05-6-2183-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6377
ITEM: DIODE, ISOLATION 12A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[2 /1R]	[P]	[NA]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[N /]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "SHORTS TO GROUND" TO THIS FMEA.
IOA CONCURS WITH THE NASA AFTER LEARNING OF THE FUEL CELL SAFING
CONCERNS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
ASSESSMENT ID: EPD&C-6378
NASA FMEA #: 05-6-2184-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6378
ITEM: DIODE, ISOLATION 12A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
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(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "SHORTS TO GROUND" TO THIS FMEA.
IOA CONCURS WITH NASA AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
ASSESSMENT ID: EPD&C-6379
NASA FMEA #: 05-6-2184-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6379
ITEM: DIODE, ISOLATION 12A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[NA]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[N /N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
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(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA AFTER LEARNING OF FUEL CELL SAFING CONCERNS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6380
NASA FMEA #: 05-6-2200-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6380
ITEM: DIODE TO INV 1 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6381
NASA FMEA #: 05-6-2200-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6381
ITEM: DIODE TO INV 1 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6382
NASA FMEA #: 05-6-2200-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6382
ITEM: DIODE TO INV 1 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
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(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6383
NASA FMEA #: 05-6-2200-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6383
ITEM: DIODE TO INV 1 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6384
NASA FMEA #: 05-6-2200-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6384
ITEM: DIODE TO INV 1 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6385
NASA FMEA #: 05-6-2200-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6385
ITEM: DIODE TO INV 1 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
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(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6386
NASA FMEA #: 05-6-2297-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6386
ITEM: FUSE, 3A TO AC BUS 1C OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS AS IOA WAS UNDER THE IMPRESSION THAT THE INPUT RELAY TO THE AC INVERTERS WAS LATCHING, WHEN IN FACT, IT IS NOT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6387
NASA FMEA #: 05-6-2297-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6387
ITEM: FUSE, 3A TO AC BUS 1B OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS AS IOA WAS UNDER THE IMPRESSION THAT THE INPUT RELAY TO THE AC INVERTERS WAS LATCHING, WHEN IN FACT, IT IS NOT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6388
NASA FMEA #: 05-6-2297-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6388
ITEM: FUSE, 3A TO AC BUS 1A OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS AS IOA WAS UNDER THE IMPRESSION THAT THE INPUT RELAY TO THE AC INVERTERS WAS LATCHING, WHEN IN FACT, IT IS NOT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6389
NASA FMEA #: 05-6-2297-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6389
ITEM: FUSE, 3A TO AC BUS 1C ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS AS IOA WAS UNDER THE IMPRESSION THAT THE INPUT RELAY TO THE AC INVERTERS WAS LATCHING, WHEN IN FACT, IT IS NOT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6390
NASA FMEA #: 05-6-2297-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6390
ITEM: FUSE, 3A TO AC BUS 1B ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS AS IOA WAS UNDER THE IMPRESSION THAT THE INPUT RELAY TO THE AC INVERTERS WAS LATCHING, WHEN IN FACT, IT IS NOT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6391
NASA FMEA #: 05-6-2297-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6391
ITEM: FUSE, 3A TO AC BUS 1A ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS AS IOA WAS UNDER THE IMPRESSION THAT THE INPUT RELAY TO THE AC INVERTERS WAS LATCHING, WHEN IN FACT, IT IS NOT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6392
NASA FMEA #: NEW # UNKNOWN

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6392
ITEM: FUSE, 3A TO AC BUS 3 CMD

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6393
NASA FMEA #: NEW # UNKNOWN

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6393
ITEM: FUSE, 3A TO AC BUS 3 CMD

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
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(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6394
NASA FMEA #: 05-6-2202-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6394
ITEM: DIODE, ISOLATION TO INV 1A OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS DUE TO CONCERNS ABOUT AC
INVERTER OVERVOLTAGE CONDITIONS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6395
NASA FMEA #: 05-6-2202-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6395
ITEM: DIODE, ISOLATION TO INV 1B OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS DUE TO CONCERNS ABOUT AC
INVERTER OVERVOLTAGE CONDITIONS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6396
NASA FMEA #: 05-6-2202-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6396
ITEM: DIODE, ISOLATION TO INV 1C OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS DUE TO CONCERNS ABOUT AC
INVERTER OVERVOLTAGE CONDITIONS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6397
NASA FMEA #: 05-6-2202-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6397
ITEM: DIODE, ISOLATION TO INV 2A OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS DUE TO CONCERNS ABOUT AC
INVERTER OVERVOLTAGE CONDITIONS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6398
NASA FMEA #: 05-6-2202-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6398
ITEM: DIODE, ISOLATION TO INV 2B OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS DUE TO CONCERNS ABOUT AC
INVERTER OVERVOLTAGE CONDITIONS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87	NASA DATA:
ASSESSMENT ID: EPD&C-6399	BASELINE []
NASA FMEA #: 05-6-2202-1	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6399
ITEM: DIODE, ISOLATION TO INV 2C OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS		CIL ITEM
		A	B	C
NASA	[3 /1R]	[P]	[NA]	[P]
IOA	[3 /3]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]	[]	[]	[]
(ADD/DELETE)							

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS DUE TO CONCERNS ABOUT AC
INVERTER OVERVOLTAGE CONDITIONS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6400
NASA FMEA #: 05-6-2202-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6400
ITEM: DIODE, ISOLATION TO INV 3A OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS DUE TO CONCERNS ABOUT AC
INVERTER OVERVOLTAGE CONDITIONS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87	NASA DATA:
ASSESSMENT ID: EPD&C-6401	BASELINE []
NASA FMEA #: 05-6-2202-1	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6401
ITEM: DIODE, ISOLATION TO INV 3B OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[] (ADD/DELETE)
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* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS DUE TO CONCERNS ABOUT AC
INVERTER OVERVOLTAGE CONDITIONS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6402
NASA FMEA #: 05-6-2202-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6402
ITEM: DIODE, ISOLATION TO INV 3C OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS DUE TO CONCERNS ABOUT AC
INVERTER OVERVOLTAGE CONDITIONS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6403
NASA FMEA #: 05-6-2202-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6403
ITEM: DIODE, ISOLATION TO INV 1A OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
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(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6404
NASA FMEA #: 05-6-2202-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6404
ITEM: DIODE, ISOLATION TO INV 1B OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87	NASA DATA:
ASSESSMENT ID: EPD&C-6405	BASELINE []
NASA FMEA #: 05-6-2202-2	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6405
ITEM: DIODE, ISOLATION TO INV 1C OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY	SCREENS		CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[] (ADD/DELETE)
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* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6406
NASA FMEA #: 05-6-2202-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6406
ITEM: DIODE, ISOLATION TO INV 2A OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6407
NASA FMEA #: 05-6-2202-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6407
ITEM: DIODE, ISOLATION TO INV 2B OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS: ,

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6408
NASA FMEA #: 05-6-2202-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6408
ITEM: DIODE, ISOLATION TO INV 2C OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]
RECOMMENDATIONS: (If different from NASA)					
	[/]	[]	[]	[]	[] (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6409
NASA FMEA #: 05-6-2202-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6409
ITEM: DIODE, ISOLATION TO INV 3A OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
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(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6410
NASA FMEA #: 05-6-2202-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6410
ITEM: DIODE, ISOLATION TO INV 3B OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6411
NASA FMEA #: 05-6-2202-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6411
ITEM: DIODE, ISOLATION TO INV 3C OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6412
NASA FMEA #: 05-6-2192-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6412
ITEM: DIODE, ISOLATION TO INV 3C ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6413
NASA FMEA #: 05-6-2192-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6413
ITEM: DIODE, ISOLATION TO INV 3B ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6414
NASA FMEA #: 05-6-2192-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6414
ITEM: DIODE, ISOLATION TO INV 3A ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87	NASA DATA:
ASSESSMENT ID: EPD&C-6415	BASELINE []
NASA FMEA #: 05-6-2192-2	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6415
ITEM: DIODE, ISOLATION TO INV 2C ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS		CIL ITEM
		A	B	C
NASA	[3 / 3]	[]	[]	[]
IOA	[3 / 3]	[]	[]	[]
COMPARE	[/]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6416
NASA FMEA #: 05-6-2192-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6416
ITEM: DIODE, ISOLATION TO INV 2B ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6417
NASA FMEA #: 05-6-2192-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6417
ITEM: DIODE, ISOLATION TO INV 2A ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
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(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6418
NASA FMEA #: 05-6-2192-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6418
ITEM: DIODE, ISOLATION TO INV 1C ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6419
NASA FMEA #: 05-6-2192-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6419
ITEM: DIODE, ISOLATION TO INV 1B ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]	(ADD/DELETE)
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* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6420
NASA FMEA #: 05-6-2192-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6420
ITEM: DIODE, ISOLATION TO INV 1A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6421
NASA FMEA #: 05-6-2192-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6421
ITEM: DIODE, ISOLATION TO INV 3C ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6422
NASA FMEA #: 05-6-2192-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6422
ITEM: DIODE, ISOLATION TO INV 3B ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
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(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6423
NASA FMEA #: 05-6-2192-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6423
ITEM: DIODE, ISOLATION TO INV 3A ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6424
NASA FMEA #: 05-6-2192-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6424
ITEM: DIODE, ISOLATION TO INV 2C ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6425
NASA FMEA #: 05-6-2192-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6425
ITEM: DIODE, ISOLATION TO INV 2B ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6426
NASA FMEA #: 05-6-2192-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6426
ITEM: DIODE, ISOLATION TO INV 2A ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
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(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6427
NASA FMEA #: 05-6-2192-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6427
ITEM: DIODE, ISOLATION TO INV 1C ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6428
NASA FMEA #: 05-6-2192-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6428
ITEM: DIODE, ISOLATION TO INV 1B ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6429
NASA FMEA #: 05-6-2192-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6429
ITEM: DIODE, ISOLATION TO INV 1A ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6430
NASA FMEA #: 05-6-2201-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6430
ITEM: DIODE, ISOLATION TO INV 1A OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6431
NASA FMEA #: 05-6-2201-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6431
ITEM: DIODE, ISOLATION TO INV 1B OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6432
NASA FMEA #: 05-6-2201-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6432
ITEM: DIODE, ISOLATION TO INV 1C OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6433
NASA FMEA #: 05-6-2201-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6433
ITEM: DIODE, ISOLATION TO INV 2A OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
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(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6434
NASA FMEA #: 05-6-2201-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6434
ITEM: DIODE, ISOLATION TO INV 2B OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6435
NASA FMEA #: 05-6-2201-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6435
ITEM: DIODE, ISOLATION TO INV 2C OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6436
NASA FMEA #: 05-6-2201-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6436
ITEM: DIODE, ISOLATION TO INV 3A OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6437
NASA FMEA #: 05-6-2201-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6437
ITEM: DIODE, ISOLATION TO INV 3B OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
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(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6438
NASA FMEA #: 05-6-2201-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6438
ITEM: DIODE, ISOLATION TO INV 3C OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6439
NASA FMEA #: 05-6-2201-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6439
ITEM: DIODE, ISOLATION TO INV 1A OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA INPUT ERROR: FAILURE MODE SHOULD BE SHORTS. IOA CONCURS WITH NASA ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6440
NASA FMEA #: 05-6-2201-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6440
ITEM: DIODE, ISOLATION TO INV 1B OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA INPUT ERROR: FAILURE MODE SHOULD BE SHORTS. IOA CONCURS WITH
NASA ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6441
NASA FMEA #: 05-6-2201-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6441
ITEM: DIODE, ISOLATION TO INV 1C OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA INPUT ERROR: FAILURE MODE SHOULD BE SHORTS. IOA CONCURS WITH
NASA ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6442
NASA FMEA #: 05-6-2201-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6442
ITEM: DIODE, ISOLATION TO INV 2A OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA INPUT ERROR: FAILURE MODE SHOULD BE SHORTS. IOA CONCURS WITH NASA ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6443
NASA FMEA #: 05-6-2201-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6443
ITEM: DIODE, ISOLATION TO INV 2B OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA INPUT ERROR: FAILURE MODE SHOULD BE SHORTS. IOA CONCURS WITH NASA ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6444
NASA FMEA #: 05-6-2201-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6444
ITEM: DIODE, ISOLATION TO INV 2C OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA INPUT ERROR: FAILURE MODE SHOULD 'BE SHORTS. IOA CONCURS WITH
NASA ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6445
NASA FMEA #: 05-6-2201-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6445
ITEM: DIODE, ISOLATION TO INV 3A OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA INPUT ERROR: FAILURE MODE SHOULD BE SHORTS. IOA CONCURS WITH NASA ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6446
NASA FMEA #: 05-6-2201-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6446
ITEM: DIODE, ISOLATION TO INV 3B OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA INPUT ERROR: FAILURE MODE SHOULD BE SHORTS. IOA CONCURS WITH NASA ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6447
NASA FMEA #: 05-6-2201-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6447
ITEM: DIODE, ISOLATION TO INV 3C OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA INPUT ERROR: FAILURE MODE SHOULD BE SHORTS. IOA CONCURS WITH NASA ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6448
NASA FMEA #: 05-6-2193-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6448
ITEM: DIODE, ISOLATION TO INV 1A ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87	NASA DATA:
ASSESSMENT ID: EPD&C-6449	BASELINE []
NASA FMEA #: 05-6-2193-1	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6449
ITEM: DIODE, ISOLATION TO INV 1B ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY	SCREENS		CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6450
NASA FMEA #: 05-6-2193-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6450
ITEM: DIODE, ISOLATION TO INV 1C ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6451
NASA FMEA #: 05-6-2193-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6451
ITEM: DIODE, ISOLATION TO INV 2A ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6452
NASA FMEA #: 05-6-2193-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6452
ITEM: DIODE, ISOLATION TO INV 2B ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6453
NASA FMEA #: 05-6-2193-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6453
ITEM: DIODE, ISOLATION TO INV 2C ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6454
NASA FMEA #: 05-6-2193-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6454
ITEM: DIODE, ISOLATION TO INV 3A ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6455
NASA FMEA #: 05-6-2193-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6455
ITEM: DIODE, ISOLATION TO INV 3B ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6456
NASA FMEA #: 05-6-2193-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6456
ITEM: DIODE, ISOLATION TO INV 3C ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6457
NASA FMEA #: 05-6-2193-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6457
ITEM: DIODE, ISOLATION TO INV 1A ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6458
NASA FMEA #: 05-6-2193-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6458
ITEM: DIODE, ISOLATION TO INV 1B ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6459
NASA FMEA #: 05-6-2193-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6459
ITEM: DIODE, ISOLATION TO INV 1C ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6460
NASA FMEA #: 05-6-2193-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6460
ITEM: DIODE, ISOLATION TO INV 2A ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6461
NASA FMEA #: 05-6-2193-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6461
ITEM: DIODE, ISOLATION TO INV 2B ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6462
NASA FMEA #: 05-6-2193-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6462
ITEM: DIODE, ISOLATION TO INV 2C ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6463
NASA FMEA #: 05-6-2193-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6463
ITEM: DIODE, ISOLATION TO INV 3A ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY		REDUNDANCY SCREENS			CIL ITEM
	FLIGHT	HDW/FUNC	A	B	C	
NASA	[3 / 3]		[]	[]	[]	[] *
IOA	[3 / 3]		[]	[]	[]	[]
COMPARE	[/]		[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6464
NASA FMEA #: 05-6-2193-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6464
ITEM: DIODE, ISOLATION TO INV 3B ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6465
NASA FMEA #: 05-6-2193-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6465
ITEM: DIODE, ISOLATION TO INV 3C ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/01/87
ASSESSMENT ID: EPD&C-6466A
NASA FMEA #: 05-6-2217-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6466
ITEM: SWITCH, ROTARY 4P9P, DC INDICATOR SELECT

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]
RECOMMENDATIONS: (If different from NASA)					
	[/]	[]	[]	[]	[] (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6466
NASA FMEA #: 05-6-2217-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6466
ITEM: SWITCH, ROTARY 4P9P, DC INDICATOR SELECT

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6467
NASA FMEA #: 05-6-2221-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6467
ITEM: SWITCH, ROTARY DP9P, AC DISPLAY SELECT

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]
RECOMMENDATIONS: (If different from NASA)					
	[/]	[]	[]	[]	[] (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6468
NASA FMEA #: 05-6-2301-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6468
ITEM: INDICATOR, EVENT (FC/MAIN BUS A)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6469
NASA FMEA #: 05-6-2301-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6469
ITEM: INDICATOR, EVENT (FC/MAIN BUS B)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6470
NASA FMEA #: 05-6-2301-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6470
ITEM: INDICATOR, EVENT (FC/MAIN BUS C)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6471
NASA FMEA #: 05-6-2302-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6471
ITEM: INDICATOR, EVENT (MAIN TIE BUS A)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH THE NASA REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6472
NASA FMEA #: 05-6-2302-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6472
ITEM: INDICATOR, EVENT (MAIN TIE BUS B)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH THE NASA REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6473
NASA FMEA #: 05-6-2302-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6473
ITEM: INDICATOR, EVENT (MAIN TIE BUS C)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH THE NASA REEVALUATION AFTER FURTHER EXAMINATION
OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6474
NASA FMEA #: 05-6-2306-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6474
ITEM: INDICATOR, EVENT (INV/AC BUS #1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

NASA HAS CHANGED THIS FAILURE MODE TO "FAILS OPEN, FAILS SHORTED". IOA CONCURS WITH THE NASA REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6475
NASA FMEA #: 05-6-2306-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6475
ITEM: INDICATOR, EVENT (INV/AC BUS #2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

NASA HAS CHANGED THIS FAILURE MODE TO "FAILS OPEN, FAILS SHORTED". IOA CONCURS WITH THE NASA REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6476
NASA FMEA #: 05-6-2306-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6476
ITEM: INDICATOR, EVENT (INV/AC BUS #3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

NASA HAS CHANGED THIS FAILURE MODE TO "FAILS OPEN, FAILS SHORTED". IOA CONCURS WITH THE NASA REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6477
NASA FMEA #: 05-6-2307-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6477
ITEM: INDICATER, EVENT (INVERTER PWR #1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

NASA HAS CHANGED THIS FAILURE MODE TO "FAILS OPEN, FAILS SHORTED". IOA CONCURS WITH THE NASA REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6478
NASA FMEA #: 05-6-2307-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6478
ITEM: INDICATER, EVENT (INVERTER PWR #2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

NASA HAS CHANGED THIS FAILURE MODE TO "FAILS OPEN, FAILS SHORTED". IOA CONCURS WITH THE NASA REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6479
NASA FMEA #: 05-6-2307-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6479
ITEM: INDICATER, EVENT (INVERTER PWR #3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

NASA HAS CHANGED THIS FAILURE MODE TO "FAILS OPEN, FAILS SHORTED". IOA CONCURS WITH THE NASA REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6480
NASA FMEA #: 05-6-2311-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6480
ITEM: INDICATER, EVENT (PAYLOAD PRI MN B)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6481
NASA FMEA #: 05-6-2311-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6481
ITEM: INDICATER, EVENT (PAYLOAD PRI MN C)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6482
NASA FMEA #: 05-6-2311-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6482
ITEM: INDICATER, EVENT (PAYLOAD PRI FC3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6483
NASA FMEA #: 05-6-2310-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6483
ITEM: INDICATER, EVENT (STRUCT RTN)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:
FAILURE MODE CHANGED TO SHORTS

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/01/87
ASSESSMENT ID: EPD&C-6483A
NASA FMEA #: 05-6-2310-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6483
ITEM: INDICATER, EVENT (STRUCT RTN)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6484
NASA FMEA #: 05-6-2303-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6484
ITEM: DC VOLTMETER

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

FAILURE MODE CHANGED TO FAILS SHORTED OR SHORTS TO GROUND.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/01/87
ASSESSMENT ID: EPD&C-6484A
NASA FMEA #: 05-6-2303-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6484
ITEM: DC VOLTMETER

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6485
NASA FMEA #: 05-6-2304-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6485
ITEM: DC AMMETER

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6486
NASA FMEA #: 05-6-2331-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6486
ITEM: RESISTOR, 1.2K 2W (TO ESS BUS 1BC)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6487
NASA FMEA #: 05-6-2331-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6487
ITEM: RESISTOR, 1.2K 2W (TO ESS BUS 1BC)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6488
NASA FMEA #: 05-6-2331-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6488
ITEM: RESISTOR, 1.2K 2W (TO ESS BUS 2CA)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6489
NASA FMEA #: 05-6-2331-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6489
ITEM: RESISTOR, 1.2K 2W (TO ESS BUS 2CA)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6490
NASA FMEA #: 05-6-2331-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6490
ITEM: RESISTOR, 1.2K 2W (TO ESS BUS 3AB)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6491
NASA FMEA #: 05-6-2331-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6491
ITEM: RESISTOR, 1.2K 2W (TO ESS BUS 3AB)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6492
NASA FMEA #: 05-6-2362-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6492
ITEM: CURRENT SENSOR, AC 1A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6493
NASA FMEA #: 05-6-2362-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6493
ITEM: CURRENT SENSOR, AC 1B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY		REDUNDANCY SCREENS			CIL ITEM
	FLIGHT	HDW/FUNC	A	B	C	
NASA	[3 / 3]		[]	[]	[]	[] *
IOA	[3 / 3]		[]	[]	[]	[]
COMPARE	[/]		[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6494
NASA FMEA #: 05-6-2362-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6494
ITEM: CURRENT SENSOR, AC 1C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6495
NASA FMEA #: 05-6-2362-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6495
ITEM: CURRENT SENSOR, AC 2A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
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(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6496
NASA FMEA #: 05-6-2362-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6496
ITEM: CURRENT SENSOR, AC 2B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6497
NASA FMEA #: 05-6-2362-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6497
ITEM: CURRENT SENSOR, AC 2C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6498
NASA FMEA #: 05-6-2362-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6498
ITEM: CURRENT SENSOR, AC 3A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6499
NASA FMEA #: 05-6-2362-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6499
ITEM: CURRENT SENSOR, AC 3B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6500
NASA FMEA #: 05-6-2362-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6500
ITEM: CURRENT SENSOR, AC 3C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6501
NASA FMEA #: 05-6-2363-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6501
ITEM: CURRENT SENSOR, DC (MDDA-1 TO APCA-4)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87	NASA DATA:
ASSESSMENT ID: EPD&C-6502	BASELINE []
NASA FMEA #: 05-6-2363-1	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6502
ITEM: CURRENT SENSOR, DC (MDDA-1 TO FPCA-1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY	SCREENS		CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6503
NASA FMEA #: 05-6-2363-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6503
ITEM: CURRENT SENSOR, DC (MDDA-1 TO MPCA-1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
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(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6504
NASA FMEA #: 05-6-2363-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6504
ITEM: CURRENT SENSOR, DC (MDDA-2 TO APCA-5)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6505
NASA FMEA #: 05-6-2363-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6505
ITEM: CURRENT SENSOR, DC (APCA-2 TO AFT PAYLOAD)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE:	6/06/87	NASA DATA:
ASSESSMENT ID:	EPD&C-6506	BASELINE []
NASA FMEA #:	05-6-2363-1	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6506
ITEM: CURRENT SENSOR, DC (MDDA-2 TO FPCA-2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
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(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6507
NASA FMEA #: 05-6-2363-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6507
ITEM: CURRENT SENSOR, DC (MDDA-2 TO MPCA-2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6508
NASA FMEA #: 05-6-2363-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6508
ITEM: CURRENT SENSOR, DC (MDDA-3 TO APCA-6)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6509
NASA FMEA #: 05-6-2363-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6509
ITEM: CURRENT SENSOR, DC (APCA-3 TO AFT PAYLOAD)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6510
NASA FMEA #: 05-6-2363-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6510
ITEM: CURRENT SENSOR, DC (MDDA-3 TO FPCA-3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6511
NASA FMEA #: 05-6-2363-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6511
ITEM: CURRENT SENSOR, DC (MDDA-3 TO MPCA-3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
ASSESSMENT ID: EPD&C-6512
NASA FMEA #: 05-6-2617-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6512
ITEM: CIRCUIT BREAKER, 3A (AC 1A TO FWD RCS VALVES)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
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(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
ASSESSMENT ID: EPD&C-6513
NASA FMEA #: 05-6-2617-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6513
ITEM: CIRCUIT BREAKER, 3A (AC 1B TO FWD RCS VALVES)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
ASSESSMENT ID: EPD&C-6514
NASA FMEA #: 05-6-2617-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6514
ITEM: CIRCUIT BREAKER, 3A (AC 1C TO FWD RCS VALVES)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
ASSESSMENT ID: EPD&C-6515
NASA FMEA #: 05-6-2617-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6515
ITEM: CIRCUIT BREAKER, 3A (AC 2A TO FWD RCS VALVES)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
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(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
ASSESSMENT ID: EPD&C-6516
NASA FMEA #: 05-6-2617-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6516
ITEM: CIRCUIT BREAKER, 3A (AC 2B TO FWD RCS VALVES)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY			REDUNDANCY SCREENS			CIL ITEM
	FLIGHT			A	B	C	
	HDW/FUNC						
NASA	[3 /3]			[]	[]	[]	[] *
IOA	[3 /3]			[]	[]	[]	[]
COMPARE	[/]			[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
ASSESSMENT ID: EPD&C-6517
NASA FMEA #: 05-6-2617-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6517
ITEM: CIRCUIT BREAKER, 3A (AC 2C TO FWD RCS VALVES)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
ASSESSMENT ID: EPD&C-6518
NASA FMEA #: 05-6-2617-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6518
ITEM: CIRCUIT BREAKER, 3A (AC 3A TO FWD RCS VALVES)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
ASSESSMENT ID: EPD&C-6519
NASA FMEA #: 05-6-2617-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6519
ITEM: CIRCUIT BREAKER, 3A (AC 3B TO FWD RCS VALVES)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
ASSESSMENT ID: EPD&C-6520
NASA FMEA #: 05-6-2617-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6520
ITEM: CIRCUIT BREAKER, 3A (AC 3C TO FWD RCS VALVES)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
ASSESSMENT ID: EPD&C-6521
NASA FMEA #: 05-6-2617-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6521
ITEM: CIRCUIT BREAKER, 3A (AC 1A TO FWD RCS VALVES)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /2R]	[P]	[P]	[P]	[]
COMPARE	[/N]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
ASSESSMENT ID: EPD&C-6522
NASA FMEA #: 05-6-2617-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6522
ITEM: CIRCUIT BREAKER, 3A (AC 1B TO FWD RCS VALVES)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /2R]	[P]	[P]	[P]	[]
COMPARE	[/N]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
ASSESSMENT ID: EPD&C-6523
NASA FMEA #: 05-6-2617-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6523
ITEM: CIRCUIT BREAKER, 3A (AC 1C TO FWD RCS VALVES)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /2R]	[P]	[P]	[P]	[]
COMPARE	[/N]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
ASSESSMENT ID: EPD&C-6524
NASA FMEA #: 05-6-2617-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6524
ITEM: CIRCUIT BREAKER, 3A (AC 2A TO FWD RCS VALVES)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /2R]	[P]	[P]	[P]	[]
COMPARE	[/N]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
ASSESSMENT ID: EPD&C-6525
NASA FMEA #: 05-6-2617-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6525
ITEM: CIRCUIT BREAKER, 3A (AC 2B TO FWD RCS VALVES)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /2R]	[P]	[P]	[P]	[]
COMPARE	[/N]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
ASSESSMENT ID: EPD&C-6526
NASA FMEA #: 05-6-2617-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6526
ITEM: CIRCUIT BREAKER, 3A (AC 2C TO FWD RCS VALVES)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /2R]	[P]	[P]	[P]	[]
COMPARE	[/N]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
ASSESSMENT ID: EPD&C-6527
NASA FMEA #: 05-6-2617-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6527
ITEM: CIRCUIT BREAKER, 3A (AC 3A TO FWD RCS VALVES)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /2R]	[P]	[P]	[P]	[]
COMPARE	[/N]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
ASSESSMENT ID: EPD&C-6528
NASA FMEA #: 05-6-2617-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6528
ITEM: CIRCUIT BREAKER, 3A (AC 3B TO FWD RCS VALVES)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /2R]	[P]	[P]	[P]	[]
COMPARE	[/N]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
ASSESSMENT ID: EPD&C-6529
NASA FMEA #: 05-6-2617-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6529
ITEM: CIRCUIT BREAKER, 3A (AC 3C TO FWD RCS VALVES)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /2R]	[P]	[P]	[P]	[]
COMPARE	[/N]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6530
NASA FMEA #: 05-6-2494-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6530
ITEM: HYBRID DRIVER TYPE I TO APCA-1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B". REFERENCE DESIGNATOR SHOULD READ "54V76A121HDCJ4(32)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6531
NASA FMEA #: 05-6-2494-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6531
ITEM: HYBRID DRIVER TYPE I TO APCA-1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.
REFERENCE DESIGNATOR SHOULD READ "54V76A121HDCJ4(32)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6532
NASA FMEA #: 05-6-2494-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6532
ITEM: HYBRID DRIVER TYPE I TO APCA-1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B". REFERENCE DESIGNATOR SHOULD READ "54V76A121HDCJ4(33)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6533
NASA FMEA #: 05-6-2494-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6533
ITEM: HYBRID DRIVER TYPE I TO APCA-1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.
REFERENCE DESIGNATOR SHOULD READ "54V76A121HDCJ4(33)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6534
NASA FMEA #: 05-6-2494-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6534
ITEM: HYBRID DRIVER TYPE I

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
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(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B". REFERENCE DESIGNATOR SHOULD READ "55V76A122HDCJ4(32)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6535
NASA FMEA #: 05-6-2494-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6535
ITEM: HYBRID DRIVER TYPE I

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.
REFERENCE DESIGNATOR SHOULD READ "55V76A122HDCJ4(32)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6536
NASA FMEA #: 05-6-2494-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6536
ITEM: HYBRID DRIVER TYPE I

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B". REFERENCE DESIGNATOR SHOULD READ "55V76A122HDCJ4(33)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6537
NASA FMEA #: 05-6-2494-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6537
ITEM: HYBRID DRIVER TYPE I

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.
REFERENCE DESIGNATOR SHOULD READ "55V76A122HDCJ4(33)".

2 APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6538
NASA FMEA #: 05-6-2495-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6538
ITEM: HYBRID DRIVER TYPE II TO APCA-1 & APCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6539
NASA FMEA #: 05-6-2495-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6539
ITEM: HYBRID DRIVER TYPE II TO APCA-1 & APCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA' REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6540
NASA FMEA #: 05-6-2495-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6540
ITEM: HYBRID DRIVER TYPE II TO APCA-1 & APCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6541
NASA FMEA #: 05-6-2495-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6541
ITEM: HYBRID DRIVER TYPE II TO APCA-1 & APCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA' REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6542
NASA FMEA #: 05-6-2495-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6542
ITEM: HYBRID DRIVER TYPE II TO APCA-2 & APCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6543
NASA FMEA #: 05-6-2495-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6543
ITEM: HYBRID DRIVER TYPE II TO APCA-2 & APCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

CRITICALITY FLIGHT HDW/FUNC		REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA' REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6544
NASA FMEA #: 05-6-2495-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6544
ITEM: HYBRID DRIVER TYPE II TO APCA-2 & APCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:
IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6545
NASA FMEA #: 05-6-2495-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6545
ITEM: HYBRID DRIVER TYPE II TO APCA-2 & APCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA' REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6546
NASA FMEA #: 05-6-2496-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6546
ITEM: HYBRID DRIVER TYPE V TO HYBRID DRIVER TYPE II

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "56V76A123HDCJ8(27)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6547
NASA FMEA #: 05-6-2496-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6547
ITEM: HYBRID DRIVER TYPE V TO HYBRID DRIVER TYPE II

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.
REFERENCE DESIGNATOR SHOULD READ "56V76A123HDCJ8(27)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6548
NASA FMEA #: 05-6-2496-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6548
ITEM: HYBRID DRIVER TYPE V TO HYBRID DRIVER TYPE II

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "56V76A123HDCJ9(25)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6549
NASA FMEA #: 05-6-2496-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6549
ITEM: HYBRID DRIVER TYPE V TO HYBRID DRIVER TYPE II

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]	(ADD/DELETE)
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* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.
REFERENCE DESIGNATOR SHOULD READ "56V76A123HDCJ9(25)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6550
NASA FMEA #: 05-6-2496-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6550
ITEM: HYBRID DRIVER TYPE V TO HYBRID DRIVER TYPE II

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "56V76A123HDCJ9(54)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6551
NASA FMEA #: 05-6-2496-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6551
ITEM: HYBRID DRIVER TYPE V TO HYBRID DRIVER TYPE II

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.
REFERENCE DESIGNATOR SHOULD READ "56V76A123HDCJ9(54)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6552
NASA FMEA #: 05-6-2496-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6552
ITEM: HYBRID DRIVER TYPE V TO HYBRID DRIVER TYPE II

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "56V76A123HDCJ9(57)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6553
NASA FMEA #: 05-6-2496-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6553
ITEM: HYBRID DRIVER TYPE V TO HYBRID DRIVER TYPE II

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.
REFERENCE DESIGNATOR SHOULD READ "56V76A123HDCJ9(57)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6554
NASA FMEA #: 05-6-2328-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6554
ITEM: RESISTOR, 5.1K TO APCA-1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6555
NASA FMEA #: 05-6-2328-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6555
ITEM: RESISTOR, 5.1K TO APCA-1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

CRITICALITY FLIGHT HDW/FUNC		REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6556
NASA FMEA #: 05-6-2328-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6556
ITEM: RESISTOR, 5.1K TO APCA-2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6557
NASA FMEA #: 05-6-2328-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6557
ITEM: RESISTOR, 5.1K TO APCA-2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]	(ADD/DELETE)
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* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6558
NASA FMEA #: 05-6-2330-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6558
ITEM: RESISTOR, 7.5K TO DC RETURN

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT. REFERENCE DESIGNATOR SHOULD READ "56V76A123RJ8(27)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/02/87
ASSESSMENT ID: EPD&C-6558A
NASA FMEA #: 05-6-2330-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6558
ITEM: RESISTOR, 7.5K TO DC RETURN

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:
REFERENCE DESIGNATOR SHOULD READ "56V76A123RJ8(27)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6559
NASA FMEA #: 05-6-2330-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6559
ITEM: RESISTOR, 7.5K TO DC RETURN

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT. REFERENCE DESIGNATOR SHOULD READ "56V76A123RJ9(25)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/02/87
ASSESSMENT ID: EPD&C-6559A
NASA FMEA #: 05-6-2330-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6559
ITEM: RESISTOR, 7.5K TO DC RETURN

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "56V76A123RJ9(25)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6560
NASA FMEA #: 05-6-2330-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6560
ITEM: RESISTOR, 7.5K TO DC RETURN

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT. REFERENCE DESIGNATOR SHOULD READ "56V76A123RJ9(54)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/02/87
ASSESSMENT ID: EPD&C-6560A
NASA FMEA #: 05-6-2330-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6560
ITEM: RESISTOR, 7.5K TO DC RETURN

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "56V76A123RJ9(54)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6561
NASA FMEA #: 05-6-2330-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6561
ITEM: RESISTOR, 7.5K TO DC RETURN

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT. REFERENCE DESIGNATOR SHOULD READ "56V76A123RJ9(57)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/02/87
ASSESSMENT ID: EPD&C-6561A
NASA FMEA #: 05-6-2330-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6561
ITEM: RESISTOR, 7.5K TO DC RETURN

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "56V76A123RJ9(57)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6562
NASA FMEA #: 05-6-2329-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6562
ITEM: RESISTOR, 15K TO ALCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/02/87
ASSESSMENT ID: EPD&C-6562A
NASA FMEA #: 05-6-2329-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6562
ITEM: RESISTOR, 15K TO ALCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
-------	-----	-----	-----	-----

(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6563
NASA FMEA #: 05-6-2329-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6563
ITEM: RESISTOR, 15K TO ALCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/02/87
ASSESSMENT ID: EPD&C-6563A
NASA FMEA #: 05-6-2329-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6563
ITEM: RESISTOR, 15K TO ALCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6564
NASA FMEA #: 05-6-2329-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6564
ITEM: RESISTOR, 15K TO ALCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/02/87
ASSESSMENT ID: EPD&C-6564A
NASA FMEA #: 05-6-2329-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6564
ITEM: RESISTOR, 15K TO ALCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6565
NASA FMEA #: 05-6-2329-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6565
ITEM: RESISTOR, 15K TO ALCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/02/87
ASSESSMENT ID: EPD&C-6565A
NASA FMEA #: 05-6-2329-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6565
ITEM: RESISTOR, 15K TO ALCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6566
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6566
ITEM: RESISTOR, 2.2K

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6567
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6567
ITEM: RESISTOR, 2.2K

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6568
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6568
ITEM: RESISTOR, 1.8K

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6569
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6569
ITEM: RESISTOR, 1.8K

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[N /N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6570
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6570
ITEM: RESISTOR, 1.8K

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY		REDUNDANCY SCREENS			CIL ITEM
	FLIGHT	HDW/FUNC	A	B	C	
NASA	[/]		[]	[]	[]	[] *
IOA	[3 / 3]		[]	[]	[]	[]
COMPARE	[N / N]		[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6571
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6571
ITEM: RESISTOR, 1.8K

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[N /N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6572
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6572
ITEM: RESISTOR, 2.2K

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY		REDUNDANCY SCREENS			CIL ITEM
	FLIGHT	HDW/FUNC	A	B	C	
NASA	[/]		[]	[]	[]	[] *
IOA	[3 / 3]		[]	[]	[]	
COMPARE	[N / N]		[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6573
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6573
ITEM: RESISTOR, 2.2K

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[N /N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6574
NASA FMEA #: 05-6-200300-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6574
ITEM: RESISTOR, 1.2K

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6575
NASA FMEA #: 05-6-200300-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6575
ITEM: RESISTOR, 1.2K

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]	(ADD/DELETE)
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* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6576
NASA FMEA #: 05-6-200300-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6576
ITEM: RESISTOR, 1.2K

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6577
NASA FMEA #: 05-6-200300-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6577
ITEM: RESISTOR, 1.2K

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6578
NASA FMEA #: 05-6-2391-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6578
ITEM: RPC, 20A TO APCA-1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[NA]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6579
NASA FMEA #: 05-6-2391-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6579
ITEM: RPC, 20A TO APCA-1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6580
NASA FMEA #: 05-6-2391-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6580
ITEM: RPC, 20A TO RELAY

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[NA]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6581
NASA FMEA #: 05-6-2391-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6581
ITEM: RPC, 20A TO RELAY

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]
RECOMMENDATIONS: (If different from NASA)					
	[/]	[]	[]	[]	[] (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6582
NASA FMEA #: 05-6-2391-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6582
ITEM: RPC, 20A TO APCA-1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[NA]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6583
NASA FMEA #: 05-6-2391-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6583
ITEM: RPC, 20A TO APCA-1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6584
NASA FMEA #: 05-6-2391-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6584
ITEM: RPC, 20A TO RELAY

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[NA]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6585
NASA FMEA #: 05-6-2391-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6585
ITEM: RPC, 20A TO RELAY

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6586
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6586
ITEM: RPC, 20A TO ORB BUS C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[N /N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[3 /1R]	[P]	[P]	[P]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

AFTER THE REDESIGN OF THE SRB POWER CIRCUITS, IOA WAS INFORMED THAT THIS FAILURE HAS BEEN AND IS DETECTABLE. HOWEVER, IOA NEVER RECEIVED AN UPDATED SCHEMATIC TO VERIFY THIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6587
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6587
ITEM: RPC, 20A TO ORB BUS C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[N /N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6588
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6588
ITEM: RPC, 20A TO ORB BUS C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	
IOA	[3 /1R]	[P]	[F]	[P]	[X] *
COMPARE	[N /N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[3 /1R]	[P]	[P]	[P]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

AFTER THE REDESIGN OF THE SRB POWER CIRCUITS, IOA WAS INFORMED THAT THIS FAILURE HAS BEEN AND IS DETECTABLE. HOWEVER, IOA NEVER RECEIVED AN UPDATED SCHEMATIC TO VERIFY THIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6589
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6589
ITEM: RPC, 20A TO ORB BUS C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[N /N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6590
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6590
ITEM: RPC, 20A TO ORB BUS C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[N /N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[3 /1R]	[P]	[P]	[P]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

AFTER THE REDESIGN OF THE SRB POWER CIRCUITS, IOA WAS INFORMED THAT THIS FAILURE HAS BEEN AND IS DETECTABLE. HOWEVER, IOA NEVER RECEIVED AN UPDATED SCHEMATIC TO VERIFY THIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6591
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6591
ITEM: RPC, 20A TO ORB BUS C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	
COMPARE	[N /N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6592
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6592
ITEM: RPC, 20A TO ORB BUS C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	
COMPARE	[N /N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[3 /1R] [P] [P] [P] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

AFTER THE REDESIGN OF THE SRB POWER CIRCUITS, IOA WAS INFORMED THAT THIS FAILURE HAS BEEN AND IS DETECTABLE. HOWEVER, IOA NEVER RECEIVED AN UPDATED SCHEMATIC TO VERIFY THIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6593
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6593
ITEM: RPC, 20A TO ORB BUS C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6594
NASA FMEA #: 05-6-2391-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6594
ITEM: RPC, 20A TO APCA-2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[NA]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6595
NASA FMEA #: 05-6-2391-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6595
ITEM: RPC, 20A TO APCA-2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

CRITICALITY		REDUNDANCY SCREENS			CIL ITEM
FLIGHT HDW/FUNC		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6596
NASA FMEA #: 05-6-2391-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6596
ITEM: RPC, 20A TO RELAY

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[NA]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

REMARKS: ADEQUATE []
INADEQUATE []

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6597
NASA FMEA #: 05-6-2391-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6597
ITEM: RPC, 20A TO RELAY

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6598
NASA FMEA #: 05-6-2391-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6598
ITEM: RPC, 20A TO APCA-2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[NA]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6599
NASA FMEA #: 05-6-2391-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6599
ITEM: RPC, 20A TO APCA-2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6600
NASA FMEA #: 05-6-2391-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6600
ITEM: RPC, 20A TO RELAY

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[NA]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6601
NASA FMEA #: 05-6-2391-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6601
ITEM: RPC, 20A TO RELAY

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6602
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6602
ITEM: DIODE TO ORB BUS C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[N /N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[3 /1R]	[P]	[P]	[P]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

AFTER THE REDESIGN OF THE SRB POWER CIRCUITS, IOA WAS INFORMED THAT THIS FAILURE HAS BEEN AND IS DETECTABLE. HOWEVER, IOA NEVER RECEIVED AN UPDATED SCHEMATIC TO VERIFY THIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6603
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6603
ITEM: DIODE TO ORB BUS C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
-------------	--------	--------	--------	--------

(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6604
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6604
ITEM: DIODE TO ORB BUS C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[N /N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[3 /1R]	[P]	[P]	[P]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

AFTER THE REDESIGN OF THE SRB POWER CIRCUITS, IOA WAS INFORMED THAT THIS FAILURE HAS BEEN AND IS DETECTABLE. HOWEVER, IOA NEVER RECEIVED AN UPDATED SCHEMATIC TO VERIFY THIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6605
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6605
ITEM: DIODE TO ORB BUS C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[N /N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6606
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6606
ITEM: DIODE TO ORB BUS C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[N /N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[3 /1R]	[P]	[P]	[P]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

AFTER THE REDESIGN OF THE SRB POWER CIRCUITS, IOA WAS INFORMED THAT THIS FAILURE HAS BEEN AND IS DETECTABLE. HOWEVER, IOA NEVER RECEIVED AN UPDATED SCHEMATIC TO VERIFY THIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6607
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6607
ITEM: DIODE TO ORB BUS C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] [:]
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6608
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6608
ITEM: DIODE TO ORB BUS C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[N /N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[3 /1R] [P] [P] [P] : []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

AFTER THE REDESIGN OF THE SRB POWER CIRCUITS, IOA WAS INFORMED THAT THIS FAILURE HAS BEEN AND IS DETECTABLE. HOWEVER, IOA NEVER RECEIVED AN UPDATED SCHEMATIC TO VERIFY THIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6609
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6609
ITEM: DIODE TO ORB BUS C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:
IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6610
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6610
ITEM: DIODE

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	
] COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6611
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6611
ITEM: DIODE

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[N /N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6612
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6612
ITEM: DIODE

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY		REDUNDANCY SCREENS			CIL ITEM
	FLIGHT	HDW/FUNC	A	B	C	
NASA	[/]		[]	[]	[]	[] *
IOA	[3 / 3]		[]	[]	[]	
COMPARE	[N / N]		[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6613
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6613
ITEM: DIODE

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6614
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6614
ITEM: DIODE

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[]
IOA	[3 / 3]	[]	[]	[]	[] *
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6615
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6615
ITEM: DIODE

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6616
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6616
ITEM: DIODE

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6617
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6617
ITEM: DIODE

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6618
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6618
ITEM: DIODE

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6619
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6619
ITEM: DIODE

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6620
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6620
ITEM: DIODE

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6621
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6621
ITEM: DIODE

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA AND NASA WERE UNABLE TO REVIEW THIS FMEA DUE TO TIME
CONSTRAINTS. ITS PROBABLE THAT THIS FMEA IS COVERED ELSEWHERE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
ASSESSMENT ID: EPD&C-6622
NASA FMEA #: 05-6-2143-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6622
ITEM: RELAY TO OIA BUS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
ASSESSMENT ID: EPD&C-6623A
NASA FMEA #: 05-6-2143-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6623
ITEM: RELAY TO OIA BUS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NASA HAS ADDED THIS FMEA. IOA CONCURS WITH NASA'S REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6623
NASA FMEA #: 05-6-2143-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6623
ITEM: RELAY TO OIA BUS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:
IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
ASSESSMENT ID: EPD&C-6623B
NASA FMEA #: 05-6-2143-4

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6623
ITEM: RELAY TO OIA BUS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[F]	[F]	[P]	[X] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] [] (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NASA HAS ADDED THIS FMEA. IOA CONCURS WITH NASA'S REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
ASSESSMENT ID: EPD&C-6624
NASA FMEA #: 05-6-2143-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6624
ITEM: RELAY TO OIA BUS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
ASSESSMENT ID: EPD&C-6625A
NASA FMEA #: 05-6-2143-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6625
ITEM: RELAY TO OIA BUS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NASA HAS ADDED THIS FMEA. IOA CONCURS WITH NASA'S REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6625
NASA FMEA #: 05-6-2143-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6625
ITEM: RELAY TO OIA BUS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
ASSESSMENT ID: EPD&C-6625B
NASA FMEA #: 05-6-2143-4

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6625
ITEM: RELAY TO OIA BUS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[F]	[F]	[P]	[X] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NASA HAS ADDED THIS FMEA. IOA CONCURS WITH NASA'S REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
ASSESSMENT ID: EPD&C-6626
NASA FMEA #: 05-6-2143-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6626
ITEM: RELAY TO OIB BUS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
ASSESSMENT ID: EPD&C-6627A
NASA FMEA #: 05-6-2143-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6627
ITEM: RELAY TO OIB BUS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

CRITICALITY FLIGHT HDW/FUNC		REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:
NASA HAS ADDED THIS FMEA. IOA CONCURS WITH NASA'S REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6627
NASA FMEA #: 05-6-2143-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6627
ITEM: RELAY TO OIB BUS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:
IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
ASSESSMENT ID: EPD&C-6627B
NASA FMEA #: 05-6-2143-4

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6627
ITEM: RELAY TO OIB BUS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[F]	[F]	[P]	[X] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NASA HAS ADDED THIS FMEA. IOA CONCURS WITH NASA'S REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
 ASSESSMENT ID: EPD&C-6628
 NASA FMEA #: 05-6-2143-3

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6628
 ITEM: RELAY TO OIB BUS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
ASSESSMENT ID: EPD&C-6629A
NASA FMEA #: 05-6-2143-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6629
ITEM: RELAY TO OIB BUS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NASA HAS ADDED THIS FMEA. IOA CONCURS WITH NASA'S REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6629
NASA FMEA #: 05-6-2143-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6629
ITEM: RELAY TO OIB BUS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
ASSESSMENT ID: EPD&C-6629B
NASA FMEA #: 05-6-2143-4

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6629
ITEM: RELAY TO OIB BUS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[F]	[F]	[P]	[X] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NASA HAS ADDED THIS FMEA. IOA CONCURS WITH NASA'S REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6630
NASA FMEA #: 05-6-200300-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6630
ITEM: RELAY TO ACA #1 & ACA #3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6631
NASA FMEA #: 05-6-200300-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6631
ITEM: RELAY TO ACA #1 & ACA #3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6632
 NASA FMEA #: 05-6-200300-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6632
 ITEM: RELAY TO ACA #1 & ACA #3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY		REDUNDANCY SCREENS			CIL ITEM
	FLIGHT	HDW/FUNC	A	B	C	
NASA	[3 / 3]		[]	[]	[]	[] *
IOA	[3 / 3]		[]	[]	[]	
COMPARE	[/]		[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6633
NASA FMEA #: 05-6-200300-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6633
ITEM: RELAY TO ACA #1 & ACA #3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6634
 NASA FMEA #: 05-6-200300-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6634
 ITEM: RELAY TO ACA #1 & ACA #2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6635
NASA FMEA #: 05-6-200300-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6635
ITEM: RELAY TO ACA #1 & ACA #2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6636
 NASA FMEA #: 05-6-200300-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6636
 ITEM: RELAY TO ACA #1 & ACA #2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

REMARKS: ADEQUATE []
 INADEQUATE []

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6637
NASA FMEA #: 05-6-200300-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6637
ITEM: RELAY TO ACA #1 & ACA #2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6638
NASA FMEA #: 05-6-200300-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6638
ITEM: RELAY TO ACA #1 & ACA #3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6639
NASA FMEA #: 05-6-200300-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6639
ITEM: RELAY TO ACA #1 & ACA #3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6640
NASA FMEA #: 05-6-200300-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6640
ITEM: RELAY TO ACA #1 & ACA #2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	* []
IOA	[3 / 3]	[]	[]	[]	
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6641
NASA FMEA #: 05-6-200300-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6641
ITEM: RELAY TO ACA #1 & ACA #2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6642
NASA FMEA #: 05-6-200300-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6642
ITEM: ACA #1 - CHANNEL 39

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6643
NASA FMEA #: 05-6-200300-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6643
ITEM: ACA #3 - CHANNEL 39

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6644
NASA FMEA #: 05-6-200300-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6644
ITEM: RSS LIGHTS - RANGE SAFE ARM

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC			REDUNDANCY SCREENS			CIL ITEM
				A	B	C	
NASA	[3	/3]	[]	[]	[]	[] *
IOA	[3	/3]	[]	[]	[]	
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6645
NASA FMEA #: 05-6-200300-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6645
ITEM: ACA #1 - CHANNEL 35

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6646
 NASA FMEA #: 05-6-200300-1
 SUBSYSTEM: EPD&C
 MDAC ID: 6646
 ITEM: ACA #2 - CHANNEL 39

NASA DATA:
 BASELINE []
 NEW [X]

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6647
NASA FMEA #: 05-6-200300-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6647
ITEM: RSS LIGHTS - RANGE SAFE ARM

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6648
NASA FMEA #: 05-6-2235-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6648
ITEM: SWITCH, PUSHBUTTON (ET SEP)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[NA]	[F]	[X]
COMPARE	[/]	[]	[]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "C".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6649
NASA FMEA #: 05-6-2235-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6649
ITEM: SWITCH, PUSHBUTTON (ET SEP)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[NA]	[P]	[X] *
IOA	[1 /1]	[P]	[NA]	[F]	[X]
COMPARE	[N /N]	[]	[]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH THE NASA REEVALUATION AFTER FURTHER EXAMINATION
OF SEPARATION PROCEDURES.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6650
NASA FMEA #: 05-6-2236-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6650
ITEM: SWITCH, PUSHBUTTON (SRB SEP)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[NA]	[F]	[X]
COMPARE	[/]	[]	[]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:
IOA CONCURS WITH NASA'S SCREEN "C".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6651
NASA FMEA #: 05-6-2236-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6651
ITEM: SWITCH, PUSHBUTTON (SRB SEP)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[1 /1]	[]	[]	[]	[X] *
IOA	[1 /1]	[P]	[NA]	[F]	[X]
COMPARE	[/]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6652
NASA FMEA #: 05-6-2237-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6652
ITEM: SWITCH, TOGGLE 3P2P LEVER LOCK (ET SEP SLCT)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[1 /1]	[P]	[NA]	[F]	[X]
COMPARE	[N /N]	[]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA HAD CORRECT ANALYSIS BUT TYPED IN THE WRONG CRIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6653
NASA FMEA #: 05-6-2237-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6653
ITEM: SWITCH, TOGGLE 3P2P LEVER LOCK (ET SEP SLCT)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[NA]	[F]	[X]
COMPARE	[/]	[]	[]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:
IOA CONCURS WITH NASA'S SCREEN "C".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6654
NASA FMEA #: 05-6-2237-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6654
ITEM: SWITCH, TOGGLE 3P2P LEVER LOCK (ET SEP SLCT)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[1 /1]	[P]	[NA]	[F]	[X]
COMPARE	[N /N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

NASA HAS COMBINED THIS FAILURE MODE WITH 05-6-2237-1. IOA CONCURS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6655
NASA FMEA #: 05-6-2238-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6655
ITEM: SWITCH, TOGGLE 3P2P (SRB SEP SLCT)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[1 /1]	[]	[]	[]	[X] *
IOA	[1 /1]	[P]	[NA]	[F]	[X]
COMPARE	[/]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] [] (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:
NASA HAS ADDED THE FAILURE MODE OF "SHORTS TO GROUND" AND IOA
CONCURS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6656
NASA FMEA #: 05-6-2238-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6656
ITEM: SWITCH, TOGGLE 3P2P (SRB SEP SLCT)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

CRITICALITY FLIGHT HDW/FUNC		REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[NA]	[F]	[X]
COMPARE	[N /]	[]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF SEPARATION PROCEDURES.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6657
NASA FMEA #: 05-6-2238-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6657
ITEM: SWITCH, TOGGLE 3P2P (SRB SEP SLCT)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[1 / 1]	[P]	[NA]	[F]	[X]
COMPARE	[N / N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:
NASA HAS COMBINED THIS FAILURE MODE WITH 05-6-2238-1. IOA
CONCURS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6658
NASA FMEA #: 05-6-2604-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6658
ITEM: FUSE, 3A TO ET TUMBLE ARM

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[1 /1]	[]	[]	[]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[N /N]	[]	[]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NEW REFERENCE DESIGNATOR IS 55V76A122FA-38-B. IOA CONCURS WITH THE NASA REEVALUATION DUE TO A CHANGE IN NSTS 22206 REGARDING HAZARDS TO POPULATION FROM THE EXTERNAL TANK.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6659
NASA FMEA #: 05-6-2493-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6659
ITEM: HYBRID DRIVER TYPE III TO ET TUMBLE CKT

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[1 /1]	[]	[]	[]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[N /N]	[]	[]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:
NEW REFERENCE DESIGNATOR IS 55V76A122ARJ11-D. IOA CONCURS WITH
NASA REEVALUATION DUE TO NSTS 22206 CHANGE CONCERNING HAZARD TO
POPULATION FROM THE EXTERNAL TANK.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6660
NASA FMEA #: 05-6-2493-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6660
ITEM: HYBRID DRIVER TYPE III TO ET TUMBLE CKT

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /2R]	[P]	[F]	[P]	[X]
COMPARE	[N /N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NEW REFERENCE DESIGNATOR IS 55V76A122ARJ11-D. IOA CONCURS WITH NASA REEVALUATION DUE TO NSTS 22206 CHANGE CONCERNING HAZARD TO POPULATION FROM THE EXTERNAL TANK.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6661
NASA FMEA #: 05-6-2493-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6661
ITEM: HYBRID DRIVER TYPE III TO ET TUMBLE CKT

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[1 /1]	[]	[]	[]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[N /N]	[]	[]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NEW REFERENCE DESIGNATOR IS 55V76A122ARJ9-49. IOA CONCURS WITH NASA REEVALUATION DUE TO NSTS 22206 CHANGE CONCERNING HAZARD TO POPULATION FROM THE EXTERNAL TANK.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6662
NASA FMEA #: 05-6-2493-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6662
ITEM: HYBRID DRIVER TYPE III TO ET TUMBLE CKT

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /2R]	[P]	[F]	[P]	[X]
COMPARE	[N /N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NEW REFERENCE DESIGNATOR IS 55V76A122ARJ9-49. IOA CONCURS WITH NASA REEVALUATION DUE TO NSTS 22206 CHANGE CONCERNING HAZARD TO POPULATION FROM THE EXTERNAL TANK.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-6663
NASA FMEA #: 05-6-2490-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6663
ITEM: MASTER EVENTS CONTROLLER #1 - CRITICAL COMMANDS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[N]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-6664
NASA FMEA #: 05-6-2490-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6664
ITEM: MASTER EVENTS CONTROLLER #1 - CRITICAL COMMANDS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[2 /1R]	[P]	[N]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B". NASA HAS SPLIT THIS FAILURE MODE INTO TWO PARTS (REFER TO -3). IOA CONCURS WITH NASA'S REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-6664A
NASA FMEA #: 05-6-2490-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6664
ITEM: MASTER EVENTS CONTROLLER #1 - CRITICAL COMMANDS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

NASA HAS SPLIT THIS FAILURE MODE INTO TWO PARTS (REFER TO -2).
IOA CONCURS WITH NASA'S REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-6665
NASA FMEA #: 05-6-2490-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6665
ITEM: MASTER EVENTS CONTROLLER #2 - CRITICAL COMMANDS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[N]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-6666
NASA FMEA #: 05-6-2490-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6666
ITEM: MASTER EVENTS CONTROLLER #2 - CRITICAL COMMANDS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[2 /1R]	[P]	[N]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:
IOA CONCURS WITH NASA'S SCREEN "B". NASA HAS SPLIT THIS FAILURE
MODE INTO TWO PARTS (REFER TO -3). IOA CONCURS WITH NASA'S
REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-6666A
NASA FMEA #: 05-6-2490-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6666
ITEM: MASTER EVENTS CONTROLLER #2 - CRITICAL COMMANDS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

NASA HAS SPLIT THIS FAILURE MODE INTO TWO PARTS (REFER TO -2).
IOA CONCURS WITH NASA'S REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-6667
NASA FMEA #: 05-6-2491-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6667
ITEM: MASTER EVENTS CONTROLLER #1 - NON-CRITICAL
COMMANDS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[N]	[P]	[]
COMPARE	[N /]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-6668
NASA FMEA #: 05-6-2491-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6668
ITEM: MASTER EVENTS CONTROLLER #1 - NON-CRITICAL
COMMANDS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[2 /1R]	[P]	[N]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-6669
NASA FMEA #: 05-6-2491-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6669
ITEM: MASTER EVENTS CONTROLLER #2 - NON-CRITICAL
COMMANDS

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[N]	[P]	[]
COMPARE	[N /]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] [] (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:
IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE:	1/01/88	NASA DATA:
ASSESSMENT ID:	EPD&C-6670	BASELINE []
NASA FMEA #:	05-6-2491-2	NEW [X]
SUBSYSTEM:	EPD&C	
MDAC ID:	6670	
ITEM:	MASTER EVENTS CONTROLLER #2 - NON-CRITICAL	
COMMANDS		

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[2 /1R]	[P]	[N]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

REMARKS:	ADEQUATE []
IOA CONCURS WITH NASA'S SCREEN "B".	INADEQUATE []

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-6671X
NASA FMEA #: 05-6-200200-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6671
ITEM: PREFLIGHT TEST CIRCUIT - RMS JETTISON
CONTROL/POWER

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-6672X
NASA FMEA #: 05-6-200400-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6672
ITEM: ABORT MODE CONTROL/PWR CIRCUIT

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

NASA HAS REMOVED THE ABORT MODE ROTARY SWITCH AND THE ABORT PUSHBUTTON AND COVERED THESE ITEMS IN FMEAS 05-6-2659 AND 05-6-2660, RESPECTIVELY. THE REST OF THE CIRCUIT FAILURES ARE CONSIDERED NON-CRITICAL OR DETECTABLE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6673X
NASA FMEA #: 05-6-200500-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6673
ITEM: OPERATIONAL STATUS MEASUREMENT CIRCUIT - FWD MCA
1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6674X
 NASA FMEA #: 05-6-200510-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6674
 ITEM: OPERATIONAL STATUS MEASUREMENT CIRCUIT - FWD MCA
 2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY		REDUNDANCY SCREENS			CIL ITEM
	FLIGHT	HDW/FUNC	A	B	C	
NASA	[3 / 3]		[]	[]	[]	[] *
IOA	[3 / 3]		[]	[]	[]	
COMPARE	[/]		[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6675X
NASA FMEA #: 05-6-200520-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6675
ITEM: OPERATIONAL STATUS MEASUREMENT CIRCUIT - FWD MCA
3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6676X
 NASA FMEA #: 05-6-200530-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6676
 ITEM: OPERATIONAL STATUS MEASUREMENT CIRCUIT - MID MCA
 1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6677X
NASA FMEA #: 05-6-200540-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6677
ITEM: OPERATIONAL STATUS MEASUREMENT CIRCUIT - MID MCA
2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6678X
NASA FMEA #: 05-6-200550-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6678
ITEM: OPERATIONAL STATUS MEASUREMENT CIRCUIT - MID MCA
3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

REMARKS: ADEQUATE []
INADEQUATE []

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6679X
NASA FMEA #: 05-6-200560-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6679
ITEM: OPERATIONAL STATUS MEASUREMENT CIRCUIT - MID MCA
4

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] [] (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6680X
 NASA FMEA #: 05-6-200570-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6680
 ITEM: OPERATIONAL STATUS MEASUREMENT CIRCUIT - AFT MCA
 1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

REMARKS: ADEQUATE []
 INADEQUATE []

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6681X
NASA FMEA #: 05-6-200580-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6681
ITEM: OPERATIONAL STATUS MEASUREMENT CIRCUIT - AFT MCA
2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87	NASA DATA:
ASSESSMENT ID: EPD&C-6682X	BASELINE []
NASA FMEA #: 05-6-200590-1	NEW [X]
SUBSYSTEM: EPD&C	
MDAC ID: 6682	
ITEM: OPERATIONAL STATUS MEASUREMENT CIRCUIT - AFT MCA	
3	

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY	SCREENS		CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

	ADEQUATE []
REMARKS:	INADEQUATE []

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
ASSESSMENT ID: EPD&C-6683X
NASA FMEA #: 05-6-2005A-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6683
ITEM: BUS, MAIN DC A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
ASSESSMENT ID: EPD&C-6684X
NASA FMEA #: 05-6-2005B-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6684
ITEM: BUS, MAIN DC B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[1 /1]	[]	[]	[]	[X] *
IOA	[1 /1]	[]	[]	[]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

REMARKS: ADEQUATE [X]
INADEQUATE []

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
ASSESSMENT ID: EPD&C-6685X
NASA FMEA #: 05-6-2005C-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6685
ITEM: BUS, MAIN DC C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
ASSESSMENT ID: EPD&C-6686X
NASA FMEA #: 05-6-2012-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6686
ITEM: ESSENTIAL BUSSSES

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
ASSESSMENT ID: EPD&C-6687X
NASA FMEA #: 05-6-2017-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6687
ITEM: AC BUS 1,2,3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
ASSESSMENT ID: EPD&C-6688X
NASA FMEA #: 05-6-2017-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6688
ITEM: AC BUS 1,2,3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6689X
NASA FMEA #: 05-6-205000-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6689
ITEM: EMU POWER SUPPLY/CHARGER CIRCUIT

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /2R]	[P]	[P]	[P]	[] *
IOA	[3 /2R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6690X
NASA FMEA #: 05-6-205100-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6690
ITEM: PAYLOAD POWER MONITORING CIRCUIT

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC			REDUNDANCY SCREENS			CIL ITEM
				A	B	C	
NASA	[3	/3]	[]	[]	[]	[] *
IOA	[3	/3]	[]	[]	[]	
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/15/87
ASSESSMENT ID: EPD&C-6691X
NASA FMEA #: 05-6-2132-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6691
ITEM: BUS, CONTROL AB1, AB2, AB3, BC1, BC2, BC3, CA1,
CA2, CA3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/01/87
ASSESSMENT ID: EPD&C-6692X
NASA FMEA #: 05-6-2239-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6692
ITEM: SWITCH, TOGGLE PAYLOAD SAFING

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

REMARKS: ADEQUATE []
INADEQUATE []

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6693X
NASA FMEA #: 05-6-2359-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6693
ITEM: RESISTOR, 1.2K 2W (TO MEC #1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6694X
NASA FMEA #: 05-6-2359-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6694
ITEM: RESISTOR, 1.2K 2W (TO MEC #2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

REMARKS: ADEQUATE []
INADEQUATE []

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6695X
NASA FMEA #: 05-6-2359-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6695
ITEM: RESISTOR, 1.2K 2W (TO MEC #2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

CRITICALITY		REDUNDANCY SCREENS			CIL
FLIGHT					ITEM
HDW/FUNC		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6696X
NASA FMEA #: 05-6-2359-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6696
ITEM: RESISTOR, 1.2K 2W (TO MEC #1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[]
IOA	[3 / 3]	[]	[]	[]	[] *
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-6697X
NASA FMEA #: 05-6-2508-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6697
ITEM: CONTROLLER, PYRO INITIATOR - ET/ORB FORWARD
ATTACH RELEASE

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[2 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

THIS WAS A JOINT RESOLUTION BETWEEN IOA AND NASA.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-6698X
NASA FMEA #: 05-6-2508-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6698
ITEM: CONTROLLER, PYRO INITIATOR - ET/ORB FORWARD
ATTACH RELEASE

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[1 /1]	[]	[]	[]	[X] *
IOA	[1 /1]	[]	[]	[]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

THIS WAS A JOINT RESOLUTION BETWEEN IOA AND NASA.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-6699X
NASA FMEA #: 05-6-2509-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6699
ITEM: CONTROLLER, PYRO INITIATOR - RIGHT/LEFT ET/ORB
AFT ATTACH RELEASE

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[2 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] [] (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

THIS WAS A JOINT RESOLUTION BETWEEN IOA AND NASA.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-6700X
NASA FMEA #: 05-6-2509-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6700
ITEM: CONTROLLER, PYRO INITIATOR - RIGHT/LEFT ET/ORB
AFT ATTACH RELEASE

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[1 /1]	[]	[]	[]	[X] *
IOA	[1 /1]	[]	[]	[]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

THIS WAS A JOINT RESOLUTION BETWEEN IOA AND NASA.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-6701X
NASA FMEA #: 05-6-2510-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6701
ITEM: CONTROLLER, PYRO INITIATOR - RIGHT/LEFT ET/ORB
UMBILICAL ATTACH RELEASE 1,2,3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[2 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

THIS WAS A JOINT RESOLUTION BETWEEN IOA AND NASA.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-6702X
NASA FMEA #: 05-6-2510-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6702
ITEM: CONTROLLER, PYRO INITIATOR - RIGHT/LEFT ET/ORB
UMBILICAL ATTACH RELEASE 1,2,3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[2 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

THIS WAS A JOINT RESOLUTION BETWEEN IOA AND NASA.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6703X
NASA FMEA #: 05-6-2659-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6703
ITEM: SWITCH, PUSHBUTTON, 4-POLE - ABORT INITIATE
SWITCH

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[1 / 1]	[]	[]	[]	[X] *
IOA	[1 / 1]	[]	[]	[]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6704X
NASA FMEA #: 05-6-2659-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6704
ITEM: SWITCH, PUSHBUTTON, 4-POLE - ABORT INITIATE
SWITCH

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[2 /1R]	[P]	[NA]	[P]	[X] *
IOA	[2 /1R]	[P]	[NA]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6705X
NASA FMEA #: 05-6-2660-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6705
ITEM: SWITCH, ROTARY - ABORT MODE SELECT

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[NA]	[P]	[X] *
IOA	[2 /1R]	[P]	[NA]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6706X
NASA FMEA #: 05-6-2660-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6706
ITEM: SWITCH, ROTARY - ABORT MODE SELECT

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[NA]	[P]	[X] *
IOA	[2 /1R]	[P]	[NA]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

REMARKS: ADEQUATE [X]
INADEQUATE []

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/02/87
ASSESSMENT ID: EPD&C-6707X
NASA FMEA #: 05-6-2708-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6707
ITEM: RESISTOR, 5.1K 1/4W

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/02/87
ASSESSMENT ID: EPD&C-6708X
NASA FMEA #: 05-6-2708-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6708
ITEM: RESISTOR, 5.1K 1/4W

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
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(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-6709X
NASA FMEA #: 05-6-2904-1

NASA DATA:
BASELINE []
NEW []

SUBSYSTEM: EPD&C
MDAC ID: 6709
ITEM: DIODE, ISOLATION 35A - MEC 1 & 2 INPUT POWER

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[/]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

THESE COMPONENTS WERE ADDED TO THE VEHICLE. IOA DID NOT RECEIVE
UPDATE SCHEMATICS IN TIME TO ANALYZE THEM.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-6710X
NASA FMEA #: 05-6-2904-2

NASA DATA:
BASELINE []
NEW []

SUBSYSTEM: EPD&C
MDAC ID: 6710
ITEM: DIODE, ISOLATION 35A - MEC 1 & 2 INPUT POWER

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC			REDUNDANCY SCREENS			CIL ITEM
				A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[/]	[]	[]	[]	
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

THESE COMPONENTS WERE ADDED TO THE VEHICLE. IOA DID NOT RECEIVE
UPDATE SCHEMATICS IN TIME TO ANALYZE THEM.

APPENDIX D

CRITICAL ITEMS

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APPENDIX D
POTENTIAL CRITICAL ITEMS

NASA FMEA	MDAC-ID	ITEM	FAILURE MODE
05-6-2003-1	5025	SWITCH, MOTORIZED (MA	FAILS OPEN
05-6-2003-1	5151	SWITCH, MOTORIZED (MA	FAILS OPEN
05-6-2003-1	5152	SWITCH, MOTORIZED (MA	FAILS OPEN
05-6-2003-2	5026	SWITCH, MOTORIZED (MA	FAILS CLOSED
05-6-2003-2	5150	SWITCH, MOTORIZED (MA	FAILS CLOSED
05-6-2003-2	5153	SWITCH, MOTORIZED (MA	FAILS CLOSED
05-6-2005A-3	6683	BUS, MAIN DC A	LOSS OF OUTPUT
05-6-2005B-3	6684	BUS, MAIN DC B	LOSS OF OUTPUT
05-6-2005C-3	6685	BUS, MAIN DC C	LOSS OF OUTPUT
05-6-2006-1	5085	FUSE, 150A TO FPCA-1	FAILS OPEN
05-6-2006-1	5086	FUSE, 150A TO FPCA-1	FAILS OPEN
05-6-2006-1	5087	FUSE, 150A TO FPCA-1	FAILS OPEN
05-6-2006-1	5091	FUSE, 150A TO MAIN DC	FAILS OPEN
05-6-2006-1	5092	FUSE, 150A TO MAIN DC	FAILS OPEN
05-6-2006-1	5093	FUSE, 150A TO MAIN DC	FAILS OPEN
05-6-2006-1	5208	FUSE, 150A TO FPCA-2	FAILS OPEN
05-6-2006-1	5209	FUSE, 150A TO FPCA-2	FAILS OPEN
05-6-2006-1	5210	FUSE, 150A TO FPCA-2	FAILS OPEN
05-6-2006-1	5214	FUSE, 150A TO MAIN DC	FAILS OPEN
05-6-2006-1	5215	FUSE, 150A TO MAIN DC	FAILS OPEN
05-6-2006-1	5216	FUSE, 150A TO MAIN DC	FAILS OPEN
05-6-2006-1	5422	FUSE, 150A TO FPCA-3	FAILS OPEN
05-6-2006-1	5423	FUSE, 150A TO FPCA-3	FAILS OPEN
05-6-2008A-1	5007	FUSE, 200A TO MAIN DC	FAILS OPEN
05-6-2008A-1	5008	FUSE, 200A TO MAIN DC	FAILS OPEN
05-6-2008A-1	5017	FUSE, 200A TO APCA-4	FAILS OPEN
05-6-2008A-1	5018	FUSE, 200A TO APCA-4	FAILS OPEN
05-6-2008B-1	5125	FUSE, 200A TO MAIN DC	FAILS OPEN
05-6-2008B-1	5126	FUSE, 200A TO MAIN DC	FAILS OPEN
05-6-2008B-1	5146	FUSE, 200A TO APCA-5	FAILS OPEN
05-6-2008B-1	5147	FUSE, 200A TO APCA-5	FAILS OPEN
05-6-2008C-1	5346	FUSE, 200A TO MAIN DC	FAILS OPEN
05-6-2008C-1	5347	FUSE, 200A TO MAIN DC	FAILS OPEN
05-6-2008C-1	5350	FUSE, 200A TO APCA-6	FAILS OPEN
05-6-2008C-1	5359	FUSE, 200A TO APCA-6	FAILS OPEN
05-6-2012-1	6066	ESSENTIAL BUSSES	LOSS OF POWER
05-6-2015-4	5880	INVERTER 1 A	PHASE REF CHANGE
05-6-2015-4	5892	INVERTER 1 B	PHASE REF CHANGE
05-6-2015-4	5896	INVERTER 1 C	PHASE REF CHANGE
05-6-2015-4	6065	INVERTER 2 A	PHASE REF CHANGE
05-6-2015-4	6069	INVERTER 2 B	PHASE REF CHANGE
05-6-2015-4	6070	INVERTER 2 C	PHASE REF CHANGE
05-6-2015-4	6045	INVERTER 3 A	PHASE REF CHANGE
05-6-2015-4	6243	INVERTER 3 B	PHASE REF CHANGE
05-6-2015-4	6253	INVERTER 3 C	PHASE REF CHANGE
05-6-2015-5	5888	INVERTER 1 A	LOSS OF FREQ SYNC
05-6-2015-5	5892	INVERTER 1 B	LOSS OF FREQ SYNC
05-6-2015-5	5896	INVERTER 1 C	LOSS OF FREQ SYNC
05-6-2015-5	6065	INVERTER 2 A	LOSS OF FREQ SYNC

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APPENDIX D
POTENTIAL CRITICAL ITEMS

NASA FMEA	MDAC-ID	ITEM	FAILURE MODE
05-6-2015-5	6069	INVERTER 2 B	LOSS OF FREQ SYNC
05-6-2015-5	6073	INVERTER 2 C	LOSS OF FREQ SYNC
05-6-2015-5	6245	INVERTER 3 A	LOSS OF FREQ SYNC
05-6-2015-5	6249	INVERTER 3 B	LOSS OF FREQ SYNC
05-6-2015-5	6253	INVERTER 3 C	LOSS OF FREQ SYNC
05-6-2016-2	5936	RELAY, LATCHING TO AC	FAILS CLOSED
05-6-2016-2	5937	RELAY, LATCHING TO AC	FAILS CLOSED
05-6-2016-2	5940	RELAY, LATCHING TO AC	FAILS CLOSED
05-6-2016-2	6111	RELAY, LATCHING TO AC	FAILS CLOSED
05-6-2016-2	6113	RELAY, LATCHING TO AC	FAILS CLOSED
05-6-2016-2	6115	RELAY, LATCHING TO AC	FAILS CLOSED
05-6-2016-2	6309	RELAY, LATCHING TO AC	FAILS CLOSED
05-6-2016-2	6311	RELAY, LATCHING TO AC	FAILS CLOSED
05-6-2016-2	6313	RELAY, LATCHING TO AC	FAILS CLOSED
05-6-2017-1	6687	AC BUS 1,2,3	ONE PHASE SHORTS
05-6-2132-1	6691	BUS, CONTROL AB1, AB2	LOSS OF POWER
05-6-2139-2	5862	RELAY, LATCHING TO IN	FAILS CLOSED
05-6-2139-2	5864	RELAY, LATCHING TO IN	FAILS CLOSED
05-6-2139-2	5866	RELAY, LATCHING TO IN	FAILS CLOSED
05-6-2139-2	6057	RELAY, LATCHING TO IN	FAILS CLOSED
05-6-2139-2	6059	RELAY, LATCHING TO IN	FAILS CLOSED
05-6-2139-2	6061	RELAY, LATCHING TO IN	FAILS CLOSED
05-6-2139-2	6237	RELAY, LATCHING TO IN	FAILS CLOSED
05-6-2139-2	6238	RELAY, LATCHING TO IN	FAILS CLOSED
05-6-2139-2	6241	RELAY, LATCHING TO IN	FAILS CLOSED
05-6-2140-2	5335	SWITCH, MOTORIZED (F/	FAILS CLOSED
05-6-2142-1	5336	SWITCH, MOTORIZED (F/	FAILS TO TRANSFER
05-6-2143-1	6623	RELAY TO OIA BUS	SHORTS TO GROUND
05-6-2143-1	6625	RELAY TO OIA BUS	SHORTS TO GROUND
05-6-2143-1	6627	RELAY TO OIB BUS	SHORTS TO GROUND
05-6-2143-1	6629	RELAY TO OIB BUS	SHORTS TO GROUND
05-6-2143-3	6622	RELAY TO OIA BUS	FAILS TO TRANSFER
05-6-2143-3	6624	RELAY TO OIA BUS	FAILS TO TRANSFER
05-6-2143-3	6626	RELAY TO OIB BUS	FAILS TO TRANSFER
05-6-2143-3	6628	RELAY TO OIB BUS	FAILS TO TRANSFER
05-6-2143-4	6623	RELAY TO OIA BUS	SHORT POLE-TO-POL
05-6-2143-4	6625	RELAY TO OIA BUS	SHORT POLE-TO-POL
05-6-2143-4	6627	RELAY TO OIB BUS	SHORT POLE-TO-POL
05-6-2143-4	6629	RELAY TO OIB BUS	SHORT POLE-TO-POL
05-6-2181-1	5066	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2181-1	5068	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2181-1	5070	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2181-1	5072	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2181-1	5417	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2181-1	5419	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2181-1	5370	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2181-1	5372	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2181-1	5374	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2181-1	5053	DIODE, ISOLATION 12A	FAILS OPEN

APPENDIX D
POTENTIAL CRITICAL ITEMS

NASA FMEA	MDAC-ID	ITEM	FAILURE MODE
05-6-2183-1	5176	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2183-1	6377	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2184-2	5055	DIODE, ISOLATION 12A	SHORTS
05-6-2184-2	5179	DIODE, ISOLATION 12A	SHORTS
05-6-2184-2	6379	DIODE, ISOLATION 12A	SHORTS
05-6-2185-1	5477	DIODE, ISOLATION 35A	FAILS OPEN
05-6-2185-1	5484	DIODE, ISOLATION 35A	FAILS OPEN
05-6-2185-1	5542	DIODE, ISOLATION 35A	FAILS OPEN
05-6-2185-1	5549	DIODE, ISOLATION 35A	FAILS OPEN
05-6-2185-1	5593	DIODE, ISOLATION 35A	FAILS OPEN
05-6-2185-1	5600	DIODE, ISOLATION 35A	FAILS OPEN
05-6-2185-2	5478	DIODE, ISOLATION 35A	SHORTS
05-6-2185-2	5483	DIODE, ISOLATION 35A	SHORTS
05-6-2185-2	5543	DIODE, ISOLATION 35A	SHORTS
05-6-2185-2	5548	DIODE, ISOLATION 35A	SHORTS
05-6-2185-2	5594	DIODE, ISOLATION 35A	SHORTS
05-6-2185-2	5599	DIODE, ISOLATION 35A	SHORTS
05-6-2186-1	5480	DIODE, ISOLATION 35A	FAILS OPEN
05-6-2186-1	5481	DIODE, ISOLATION 35A	FAILS OPEN
05-6-2186-1	5545	DIODE, ISOLATION 35A	FAILS OPEN
05-6-2186-1	5546	DIODE, ISOLATION 35A	FAILS OPEN
05-6-2186-1	5596	DIODE, ISOLATION 35A	FAILS OPEN
05-6-2186-1	5597	DIODE, ISOLATION 35A	FAILS OPEN
05-6-2186-2	5479	DIODE, ISOLATION 35A	SHORTS
05-6-2186-2	5482	DIODE, ISOLATION 35A	SHORTS
05-6-2186-2	5544	DIODE, ISOLATION 35A	SHORTS
05-6-2186-2	5547	DIODE, ISOLATION 35A	SHORTS
05-6-2186-2	5595	DIODE, ISOLATION 35A	SHORTS
05-6-2186-2	5598	DIODE, ISOLATION 35A	SHORTS
05-6-2188-2	5465	DIODE, BLOCKING	SHORTS
05-6-2188-2	5475	DIODE, BLOCKING	SHORTS
05-6-2188-2	5527	DIODE, BLOCKING	SHORTS
05-6-2188-2	5540	DIODE, BLOCKING	SHORTS
05-6-2188-2	5633	DIODE, BLOCKING	SHORTS
05-6-2188-2	5643	DIODE, BLOCKING	SHORTS
05-6-2191-2	5503	DIODE, ISOLATION 35A	SHORTS
05-6-2191-2	5504	DIODE, ISOLATION 35A	SHORTS
05-6-2191-2	5568	DIODE, ISOLATION 35A	SHORTS
05-6-2191-2	5569	DIODE, ISOLATION 35A	SHORTS
05-6-2191-2	5616	DIODE, ISOLATION 35A	SHORTS
05-6-2191-2	5619	DIODE, ISOLATION 35A	SHORTS
05-6-2191-3	5502	DIODE, ISOLATION 35A	SHORTS TO GROUND
05-6-2191-3	5505	DIODE, ISOLATION 35A	SHORTS TO GROUND
05-6-2191-3	5567	DIODE, ISOLATION 35A	SHORTS TO GROUND
05-6-2191-3	5570	DIODE, ISOLATION 35A	SHORTS TO GROUND
05-6-2191-3	5617	DIODE, ISOLATION 35A	SHORTS TO GROUND
05-6-2191-3	5618	DIODE, ISOLATION 35A	SHORTS TO GROUND
05-6-2197-1	5693	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2197-1	5696	DIODE, ISOLATION 12A	FAILS OPEN

APPENDIX D
POTENTIAL CRITICAL ITEMS

NASA FMEA	MDAC-ID	ITEM	FAILURE MODE
05-6-2197-1	5697	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2197-1	5700	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2197-1	5701	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2197-1	5704	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2197-1	5739	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2197-1	5742	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2197-1	5743	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2197-1	5746	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2197-1	5747	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2197-1	5750	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2197-1	5769	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2197-1	5772	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2197-1	5773	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2197-1	5776	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2197-1	5777	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2197-1	5780	DIODE, ISOLATION 12A	FAILS OPEN
05-6-2197-2	5694	DIODE, ISOLATION 12A	SHORTS
05-6-2197-2	5695	DIODE, ISOLATION 12A	SHORTS
05-6-2197-2	5698	DIODE, ISOLATION 12A	SHORTS
05-6-2197-2	5699	DIODE, ISOLATION 12A	SHORTS
05-6-2197-2	5702	DIODE, ISOLATION 12A	SHORTS
05-6-2197-2	5703	DIODE, ISOLATION 12A	SHORTS
05-6-2197-2	5740	DIODE, ISOLATION 12A	SHORTS
05-6-2197-2	5741	DIODE, ISOLATION 12A	SHORTS
05-6-2197-2	5744	DIODE, ISOLATION 12A	SHORTS
05-6-2197-2	5745	DIODE, ISOLATION 12A	SHORTS
05-6-2197-2	5748	DIODE, ISOLATION 12A	SHORTS
05-6-2197-2	5749	DIODE, ISOLATION 12A	SHORTS
05-6-2197-2	5770	DIODE, ISOLATION 12A	SHORTS
05-6-2197-2	5771	DIODE, ISOLATION 12A	SHORTS
05-6-2197-2	5774	DIODE, ISOLATION 12A	SHORTS
05-6-2197-2	5775	DIODE, ISOLATION 12A	SHORTS
05-6-2197-2	5778	DIODE, ISOLATION 12A	SHORTS
05-6-2197-2	5779	DIODE, ISOLATION 12A	SHORTS
05-6-2208-1	5330	DIODE, ISOLATION 35A	FAILS OPEN
05-6-2208-1	5333	DIODE, ISOLATION 35A	FAILS OPEN
05-6-2211-1	5049	SWITCH, TOGGLE SPDT (	FAILURE TO TRANSF
05-6-2211-1	5182	SWITCH, TOGGLE SPDT (	FAILURE TO TRANSF
05-6-2211-1	5371	SWITCH, TOGGLE DPDT (	FAILURE TO TRANSF
05-6-2211-3	5050	SWITCH, TOGGLE SPDT (	INADVERTENT TRANS
05-6-2211-3	5183	SWITCH, TOGGLE SPDT (	INADVERTENTLY TRA
05-6-2211-3	5372	SWITCH, TOGGLE DPDT (	INADVERTENTLY TRA
05-6-2212-2	5047	SWITCH, TOGGLE SPDT (	SHORTS TO GROUND
05-6-2212-2	5180	SWITCH, TOGGLE SPDT (	SHORTS TO GROUND
05-6-2212-2	5369	SWITCH, TOGGLE SPDT (	SHORTS TO GROUND
05-6-2213-1	5459	SWITCH, TOGGLE 3PDT (	FAILS OPEN
05-6-2213-1	5524	SWITCH, TOGGLE 3PDT (	FAILS OPEN
05-6-2213-1	5622	SWITCH, TOGGLE 3PDT (	FAILS OPEN
05-6-2213-2	5459	SWITCH, TOGGLE 3PDT (	SHORTS TO GROUND

APPENDIX D
POTENTIAL CRITICAL ITEMS

NASA FMEA	MDAC-ID	ITEM	FAILURE MODE
05-6-2213-2	5524	SWITCH, TOGGLE 3PDT (	SHORTS TO GROUND
05-6-2213-2	5622	SWITCH, TOGGLE 3PDT (	SHORTS TO GROUND
05-6-2214-1	5455	SWITCH, TOGGLE 3PDT (	FAILS OPEN
05-6-2214-1	5518	SWITCH, TOGGLE 3PDT (	FAILS OPEN
05-6-2214-1	5628	SWITCH, TOGGLE 3PDT (	FAILS OPEN
05-6-2214-2	5455	SWITCH, TOGGLE 3PDT (	SHORTS TO GROUND
05-6-2214-2	5518	SWITCH, TOGGLE 3PDT (	SHORTS TO GROUND
05-6-2214-2	5628	SWITCH, TOGGLE 3PDT (	SHORTS TO GROUND
05-6-2226-2	5309	SWITCH, TOGGLE SPDT (	INADVERTENT TRANS
05-6-2226-3	5308	SWITCH, TOGGLE SPDT (	SHORTS TO GROUND
05-6-2227-3	5306	SWITCH, TOGGLE SPDT (	SHORTS TO GROUND
05-6-2227-3	5310	SWITCH, TOGGLE SPDT (	SHORTS TO GROUND
05-6-2228-3	5184	SWITCH, TOGGLE SPDT (	SHORTS TO GROUND
05-6-2228-3	5373	SWITCH, TOGGLE SPDT (	SHORTS TO GROUND
05-6-2231-1	6357	SWITCH, TOGGLE DPDT (	FAILS OPEN
05-6-2231-1	6359	SWITCH, TOGGLE DPDT (	FAILS OPEN
05-6-2233-1	5260	SWITCH, TOGGLE SPDT (	FAILS OPEN
05-6-2234-1	5258	SWITCH, TOGGLE DPDT (	FAILS OPEN
05-6-2235-2	6649	SWITCH, PUSHBUTTON (E	FAILS OFF
05-6-2236-2	6651	SWITCH, PUSHBUTTON (S	FAILS OFF
05-6-2237-1	6652	SWITCH, TOGGLE 3P2P L	FAILS OFF
05-6-2238-1	6655	SWITCH, TOGGLE 3P2P (	FAILS OFF
05-6-2238-2	6656	SWITCH, TOGGLE 3P2P (	FAILS ON
05-6-2240-2	5318	SWITCH, TOGGLE SPDT (	SHORTS TO GROUND
05-6-2261-1	5080	CIRCUIT BREAKER, 10A	FAILS OPEN
05-6-2261-1	5199	CIRCUIT BREAKER, 10A	FAILS OPEN
05-6-2261-1	5406	CIRCUIT BREAKER, 10A	FAILS OPEN
05-6-2262-1	5790	FUSE, 5A TO CONT BUS	FAILS OPEN
05-6-2262-1	5791	FUSE, 5A TO CONT BUS	FAILS OPEN
05-6-2262-1	5792	FUSE, 5A TO CONT BUS	FAILS OPEN
05-6-2262-1	5793	FUSE, 5A TO CONT BUS	FAILS OPEN
05-6-2262-1	5794	FUSE, 5A TO CONT BUS	FAILS OPEN
05-6-2262-1	5795	FUSE, 5A TO CONT BUS	FAILS OPEN
05-6-2262-1	5796	FUSE, 5A TO CONT BUS	FAILS OPEN
05-6-2262-1	5797	FUSE, 5A TO CONT BUS	FAILS OPEN
05-6-2262-1	5798	FUSE, 5A TO CONT BUS	FAILS OPEN
05-6-2263-1	5057	CIRCUIT BREAKER, 5A (	FAILS OPEN
05-6-2263-1	5076	CIRCUIT BREAKER, 5A (	FAILS OPEN
05-6-2263-1	5172	CIRCUIT BREAKER, 5A (	FAILS OPEN
05-6-2265-2	5933	CIRCUIT BREAKER, 3A T	FAILS CLOSED
05-6-2265-2	6082	CIRCUIT BREAKER, 3A T	FAILS CLOSED
05-6-2265-2	6263	CIRCUIT BREAKER, 3A T	FAILS CLOSED
05-6-2276-1	5492	FUSE, 15A TO MPCA-1	FAILS OPEN
05-6-2276-1	5557	FUSE, 15A TO MPCA-2	FAILS OPEN
05-6-2276-1	5608	FUSE, 15A TO MPCA-3	FAILS OPEN
05-6-2278-1	5059	FUSE, 35A	FAILS OPEN
05-6-2278-1	5060	FUSE, 35A	FAILS OPEN
05-6-2278-1	5061	FUSE, 35A	FAILS OPEN
05-6-2278-1	5062	FUSE, 35A	FAILS OPEN

APPENDIX D
POTENTIAL CRITICAL ITEMS

NASA FMEA	MDAC-ID	ITEM	FAILURE MODE
05-6-2278-1	5190	FUSE, 35A	FAILS OPEN
05-6-2278-1	5191	FUSE, 35A	FAILS OPEN
05-6-2278-1	5195	FUSE, 35A	FAILS OPEN
05-6-2278-1	5196	FUSE, 35A	FAILS OPEN
05-6-2278-1	5395	FUSE, 35A	FAILS OPEN
05-6-2278-1	5396	FUSE, 35A	FAILS OPEN
05-6-2278-1	5401	FUSE, 35A	FAILS OPEN
05-6-2278-1	5402	FUSE, 35A	FAILS OPEN
05-6-2280-1	5063	FUSE, 15A TO A6A1 PAN	FAILS OPEN
05-6-2280-1	5194	FUSE, 15A TO A14 PANE	FAILS OPEN
05-6-2289-1	5322	FUSE, 200A TO PAYLOAD	FAILS OPEN
05-6-2289-1	5323	FUSE, 200A TO PAYLOAD	FAILS OPEN
05-6-2289-1	5324	FUSE, 200A TO PAYLOAD	FAILS OPEN
05-6-2289-1	5325	FUSE, 200A TO PAYLOAD	FAILS OPEN
05-6-2291-1	5501	FUSE, 7.5A TO ALCA-1	FAILS OPEN
05-6-2291-1	5572	FUSE, 7.5A TO ALCA-2	FAILS OPEN
05-6-2291-1	5621	FUSE, 7.5A TO ALCA-3	FAILS OPEN
05-6-2293A-1	5107	FUSE, 100A TO ALCA-1	FAILS OPEN
05-6-2293B-1	5246	FUSE, 100A TO ALCA-2	FAILS OPEN
05-6-2294-1	5096	FUSE, 35A TO FLCA-1	FAILS OPEN
05-6-2294-1	5217	FUSE, 35A TO FLCA-2	FAILS OPEN
05-6-2294-1	5427	FUSE, 35A TO FLCA-3	FAILS OPEN
05-6-2295-1	5100	FUSE, 150A TO MPCA-1	FAILS OPEN
05-6-2295-1	5232	FUSE, 100A TO MPCA-2	FAILS OPEN
05-6-2295-1	5436	FUSE, 100A TO MPCA-3	FAILS OPEN
05-6-2329-2	6562	RESISTOR, 15K TO ALCA	SHORTS
05-6-2329-2	6563	RESISTOR, 15K TO ALCA	SHORTS
05-6-2329-2	6564	RESISTOR, 15K TO ALCA	SHORTS
05-6-2329-2	6565	RESISTOR, 15K TO ALCA	SHORTS
05-6-2330-1	6558	RESISTOR, 7.5K TO DC	FAILS OPEN
05-6-2330-1	6559	RESISTOR, 7.5K TO DC	FAILS OPEN
05-6-2330-1	6560	RESISTOR, 7.5K TO DC	FAILS OPEN
05-6-2330-1	6561	RESISTOR, 7.5K TO DC	FAILS OPEN
05-6-2345A-1	6030	SHUNT, DC AMMETER (TO	FAILS OPEN
05-6-2345B-1	6136	SHUNT, DC AMMETER (TO	FAILS OPEN
05-6-2345C-1	6357	SHUNT, DC AMMETER (TO	FAILS OPEN
05-6-2359-1	6352	RESISTOR, 1.2K 2W (TO	FAILS OPEN
05-6-2359-1	6355	RESISTOR, 1.2K 2W (TO	FAILS OPEN
05-6-2361-2	5906	AC OVER/UNDER VOLT SN	LOSS OF OUTPUT
05-6-2361-2	6135	AC OVER/UNDER VOLT SN	LOSS OF OUTPUT
05-6-2361-2	6265	AC OVER/UNDER VOLT SN	LOSS OF OUTPUT
05-6-2389-1	5003	RPC, 7.5A (GSE MAIN A	FAILS CLOSED
05-6-2389-1	5122	RPC, 7.5A (GSE MAIN B	FAILS CLOSED
05-6-2389-1	5343	RPC, 7.5A (GSE MAIN C	FAILS CLOSED
05-6-2393-1	6362	RPC, 10A TO MEC #2	FAILS OPEN
05-6-2393-1	6364	RPC, 10A TO MEC #2	FAILS OPEN
05-6-2393-1	6366	RPC, 10A TO MEC #1	FAILS OPEN
05-6-2393-1	6368	RPC, 10A TO MEC #1	FAILS OPEN
05-6-2471-2	5659	HYBRID DRIVER TYPE I	FAILS ON

APPENDIX D
POTENTIAL CRITICAL ITEMS

NASA FMEA	MDAC-ID	ITEM	FAILURE MODE
05-6-2471-2	5661	HYBRID DRIVER TYPE I	FAILS ON
05-6-2471-2	5667	HYBRID DRIVER TYPE I	FAILS ON
05-6-2471-2	5669	HYBRID DRIVER TYPE I	FAILS ON
05-6-2471-2	5671	HYBRID DRIVER TYPE I	FAILS ON
05-6-2471-2	5673	HYBRID DRIVER TYPE I	FAILS ON
05-6-2474-1	5901	HYBRID DRIVER TYPE II	FAILS ON
05-6-2474-1	6076	HYBRID DRIVER TYPE II	FAILS ON
05-6-2474-1	6256	HYBRID DRIVER TYPE II	FAILS ON
05-6-2485-2	5843	HYBRID DRIVER TYPE II	FAILS ON
05-6-2485-2	5845	HYBRID DRIVER TYPE II	FAILS ON
05-6-2485-2	5847	HYBRID DRIVER TYPE II	FAILS ON
05-6-2485-2	6008	HYBRID DRIVER TYPE II	FAILS ON
05-6-2485-2	6010	HYBRID DRIVER TYPE II	FAILS ON
05-6-2485-2	6012	HYBRID DRIVER TYPE II	FAILS ON
05-6-2485-2	6188	HYBRID DRIVER TYPE II	FAILS ON
05-6-2485-2	6191	HYBRID DRIVER TYPE II	FAILS ON
05-6-2485-2	6192	HYBRID DRIVER TYPE II	FAILS ON
05-6-2486-2	5849	HYBRID DRIVER TYPE II	FAILS ON
05-6-2486-2	5851	HYBRID DRIVER TYPE II	FAILS ON
05-6-2486-2	5853	HYBRID DRIVER TYPE II	FAILS ON
05-6-2486-2	6014	HYBRID DRIVER TYPE II	FAILS ON
05-6-2486-2	6016	HYBRID DRIVER TYPE II	FAILS ON
05-6-2486-2	6018	HYBRID DRIVER TYPE II	FAILS ON
05-6-2486-2	6195	HYBRID DRIVER TYPE II	FAILS ON
05-6-2486-2	6196	HYBRID DRIVER TYPE II	FAILS ON
05-6-2486-2	6199	HYBRID DRIVER TYPE II	FAILS ON
05-6-2489-2	5841	HYBRID DRIVER TYPE I	FAILS ON
05-6-2489-2	6006	HYBRID DRIVER TYPE I	FAILS ON
05-6-2489-2	6187	HYBRID DRIVER TYPE I	FAILS ON
05-6-2490-1	6663	MASTER EVENTS CONTROL	LOSS OF OUTPUT
05-6-2490-1	6665	MASTER EVENTS CONTROL	LOSS OF OUTPUT
05-6-2490-2	6664	MASTER EVENTS CONTROL	INADVERTENT OUTPUT
05-6-2490-2	6666	MASTER EVENTS CONTROL	INADVERTENT OUTPUT
05-6-2490-3	6664	MASTER EVENTS CONTROL	INADVERTENT OUTPUT
05-6-2490-3	6666	MASTER EVENTS CONTROL	INADVERTENT OUTPUT
05-6-2491-1	6667	MASTER EVENTS CONTROL	LOSS OF OUTPUT
05-6-2491-1	6669	MASTER EVENTS CONTROL	LOSS OF OUTPUT
05-6-2491-2	6668	MASTER EVENTS CONTROL	INADVERTENT OUTPUT
05-6-2491-2	6670	MASTER EVENTS CONTROL	INADVERTENT OUTPUT
05-6-2493-1	6659	HYBRID DRIVER TYPE II	FAILS OFF
05-6-2493-1	6661	HYBRID DRIVER TYPE II	FAILS OFF
05-6-2493-2	6660	HYBRID DRIVER TYPE II	FAILS ON
05-6-2493-2	6662	HYBRID DRIVER TYPE II	FAILS ON
05-6-2494-2	6531	HYBRID DRIVER TYPE I	FAILS ON
05-6-2494-2	6533	HYBRID DRIVER TYPE I	FAILS ON
05-6-2494-2	6535	HYBRID DRIVER TYPE I	FAILS ON
05-6-2494-2	6537	HYBRID DRIVER TYPE I	FAILS ON
05-6-2496-1	6546	HYBRID DRIVER TYPE V	FAILS OFF
05-6-2496-1	6548	HYBRID DRIVER TYPE V	FAILS OFF

APPENDIX D
POTENTIAL CRITICAL ITEMS

NASA FMEA	MDAC-ID	ITEM	FAILURE MODE
05-6-2496-1	6550	HYBRID DRIVER TYPE V	FAILS OFF
05-6-2496-1	6552	HYBRID DRIVER TYPE V	FAILS OFF
05-6-2508-1	6697	CONTROLLER, PYRO INIT	LOSS OF OUTPUT
05-6-2508-2	6698	CONTROLLER, PYRO INIT	PREMATURE OUTPUT
05-6-2509-1	6699	CONTROLLER, PYRO INIT	LOSS OF OUTPUT
05-6-2509-2	6700	CONTROLLER, PYRO INIT	PREMATURE OUTPUT
05-6-2510-1	6701	CONTROLLER, PYRO INIT	LOSS OF OUTPUT
05-6-2510-2	6702	CONTROLLER, PYRO INIT	PREMATURE OUTPUT
05-6-2603-1	5486	FUSE, 10A TO ESS BUS	FAILS OPEN
05-6-2603-1	5487	FUSE, 10A TO ESS BUS	FAILS OPEN
05-6-2603-1	5550	FUSE, 10A TO ESS BUS	FAILS OPEN
05-6-2603-1	5551	FUSE, 10A TO ESS BUS	FAILS OPEN
05-6-2603-1	5601	FUSE, 10A TO ESS BUS	FAILS OPEN
05-6-2603-1	5602	FUSE, 10A TO ESS BUS	FAILS OPEN
05-6-2604-1	6658	FUSE, 3A TO ET TUMBLE	FAILS OPEN
05-6-2605-1	5485	FUSE, 7.5A	FAILS OPEN
05-6-2605-1	5496	FUSE, 7.5A	FAILS OPEN
05-6-2605-1	5552	FUSE, 7.5A	FAILS OPEN
05-6-2605-1	5560	FUSE, 7.5A	FAILS OPEN
05-6-2605-1	5603	FUSE, 7.5A	FAILS OPEN
05-6-2605-1	5611	FUSE, 7.5A	FAILS OPEN
05-6-2611-1	5974	CIRCUIT BREAKER AC 1A	FAILS OPEN
05-6-2611-1	5976	CIRCUIT BREAKER AC 1B	FAILS OPEN
05-6-2611-1	5978	CIRCUIT BREAKER AC 1C	FAILS OPEN
05-6-2611-1	6139	CIRCUIT BREAKER AC 2A	FAILS OPEN
05-6-2611-1	6141	CIRCUIT BREAKER AC 2B	FAILS OPEN
05-6-2611-1	6143	CIRCUIT BREAKER AC 2C	FAILS OPEN
05-6-2611-1	6322	CIRCUIT BREAKER AC 3A	FAILS OPEN
05-6-2611-1	6324	CIRCUIT BREAKER AC 3B	FAILS OPEN
05-6-2611-1	6326	CIRCUIT BREAKER AC 3C	FAILS OPEN
05-6-2612-1	5972	CIRCUIT BREAKER TO AM	FAILS OPEN
05-6-2612-1	6155	CIRCUIT BREAKER TO AM	FAILS OPEN
05-6-2612-1	6334	CIRCUIT BREAKER TO AM	FAILS OPEN
05-6-2613-1	5968	CIRCUIT BREAKER TO MM	FAILS OPEN
05-6-2613-1	6148	CIRCUIT BREAKER TO MM	FAILS OPEN
05-6-2613-1	6152	CIRCUIT BREAKER TO MM	FAILS OPEN
05-6-2613-1	6332	CIRCUIT BREAKER TO MM	FAILS OPEN
05-6-2613-2	5969	CIRCUIT BREAKER TO MM	FAILS CLOSED
05-6-2613-2	6149	CIRCUIT BREAKER TO MM	FAILS CLOSED
05-6-2613-2	6153	CIRCUIT BREAKER TO MM	FAILS CLOSED
05-6-2613-2	6333	CIRCUIT BREAKER TO MM	FAILS CLOSED
05-6-2614-1	5970	CIRCUIT BREAKER TO MM	FAILS OPEN
05-6-2614-1	6330	CIRCUIT BREAKER TO MM	FAILS OPEN
05-6-2614-2	5971	CIRCUIT BREAKER TO MM	FAILS CLOSED
05-6-2614-2	6331	CIRCUIT BREAKER TO MM	FAILS CLOSED
05-6-2615-1	6151	CIRCUIT BREAKER TO MM	FAILS OPEN
05-6-2616-1	6147	CIRCUIT BREAKER TO MM	FAILS OPEN
05-6-2617-1	6521	CIRCUIT BREAKER, 3A (	FAILS OPEN
05-6-2617-1	6522	CIRCUIT BREAKER, 3A (	FAILS OPEN

APPENDIX D
POTENTIAL CRITICAL ITEMS

NASA FMEA	MDAC-ID	ITEM	FAILURE MODE
05-6-2617-1	6523	CIRCUIT BREAKER, 3A (	FAILS OPEN
05-6-2617-1	6524	CIRCUIT BREAKER, 3A (	FAILS OPEN
05-6-2617-1	6525	CIRCUIT BREAKER, 3A (	FAILS OPEN
05-6-2617-1	6526	CIRCUIT BREAKER, 3A (	FAILS OPEN
05-6-2617-1	6527	CIRCUIT BREAKER, 3A (	FAILS OPEN
05-6-2617-1	6528	CIRCUIT BREAKER, 3A (	FAILS OPEN
05-6-2617-1	6529	CIRCUIT BREAKER, 3A (	FAILS OPEN
05-6-2618-1	5966	CIRCUIT BREAKER TO FM	FAILS OPEN
05-6-2618-1	6144	CIRCUIT BREAKER TO FM	FAILS OPEN
05-6-2618-1	6328	CIRCUIT BREAKER TO FM	FAILS OPEN
05-6-2619-1	5799	FUSE, 1A TO MMCA-1 &	FAILS OPEN
05-6-2619-1	5800	FUSE, 1A TO MMCA-1 &	FAILS OPEN
05-6-2619-1	5803	FUSE, 1A TO MMCA-2 &	FAILS OPEN
05-6-2619-1	5804	FUSE, 1A TO MMCA-2 &	FAILS OPEN
05-6-2619-1	5805	FUSE, 1A TO MMCA-4 &	FAILS OPEN
05-6-2619-1	5806	FUSE, 1A TO MMCA-4 &	FAILS OPEN
05-6-2619-1	5809	FUSE, 1A TO MMCA-4 &	FAILS OPEN
05-6-2619-1	5810	FUSE, 1A TO MMCA-4 &	FAILS OPEN
05-6-2620-1	5801	FUSE, 1A TO MMCA-2	FAILS OPEN
05-6-2620-1	5802	FUSE, 1A TO MMCA-2	FAILS OPEN
05-6-2620-1	5807	FUSE, 1A TO MMCA-4 &	FAILS OPEN
05-6-2620-1	5808	FUSE, 1A TO MMCA-4 &	FAILS OPEN
05-6-2651-1	5110	SWITCH, TOGGLE SPST (	FAILS OPEN
05-6-2651-1	5249	SWITCH, TOGGLE SPST (	FAILS OPEN
05-6-2651-1	5449	SWITCH, TOGGLE SPST (	FAILS OPEN
05-6-2652-1	5510	SWITCH, TOGGLE SPST (	FAILS OPEN
05-6-2652-1	5574	SWITCH, TOGGLE SPST (	FAILS OPEN
05-6-2652-1	5588	SWITCH, TOGGLE SPST (	FAILS OPEN
05-6-2653-1	5084	SWITCH, TOGGLE SPST (	FAILS OPEN
05-6-2653-1	5224	SWITCH, TOGGLE SPST (	FAILS OPEN
05-6-2653-1	5231	SWITCH, TOGGLE SPST (	FAILS OPEN
05-6-2653-1	5434	SWITCH, TOGGLE SPST (	FAILS OPEN
05-6-2653-2	5083	SWITCH, TOGGLE SPST (	FAILS CLOSED
05-6-2653-2	5225	SWITCH, TOGGLE SPST (	FAILS CLOSED
05-6-2653-2	5230	SWITCH, TOGGLE SPST (	FAILS CLOSED
05-6-2653-2	5435	SWITCH, TOGGLE SPST (	FAILS CLOSED
05-6-2654-1	5115	SWITCH, TOGGLE SPST (	FAILS OPEN
05-6-2654-1	5432	SWITCH, TOGGLE SPST (	FAILS OPEN
05-6-2654-2	5116	SWITCH, TOGGLE SPST (	FAILS CLOSED
05-6-2654-2	5433	SWITCH, TOGGLE SPST (	FAILS CLOSED
05-6-2655-1	5221	SWITCH, TOGGLE SPST (	FAILS OPEN
05-6-2655-1	5228	SWITCH, TOGGLE SPST (	FAILS OPEN
05-6-2657-1	5098	SWITCH, TOGGLE SPST (	FAILS OPEN
05-6-2657-1	5206	SWITCH, TOGGLE SPST (	FAILS OPEN
05-6-2657-1	5421	SWITCH, TOGGLE SPST (	FAILS OPEN
05-6-2658-1	5827	SWITCH, TOGGLE 4PDT (	FAILS OPEN OR SHO
05-6-2658-1	5830	SWITCH, TOGGLE 4PDT (	FAILS OPEN OR SHO
05-6-2658-2	5828	SWITCH, TOGGLE 4PDT (	FAILS CLOSED
05-6-2658-2	5829	SWITCH, TOGGLE 4PDT (	FAILS CLOSED

APPENDIX D
POTENTIAL CRITICAL ITEMS

NASA FMEA	MDAC-ID	ITEM	FAILURE MODE
05-6-2659-1	6703	SWITCH, PUSHBUTTON, 4	FAILS CLOSED
05-6-2659-2	6704	SWITCH, PUSHBUTTON, 4	FAILS OPEN
05-6-2660-1	6705	SWITCH, ROTARY - ABOR	FAILS OPEN
05-6-2660-2	6706	SWITCH, ROTARY - ABOR	FAILS CLOSED, CON
05-6-2701-1	5109	RESISTOR, 1.2K 2W (TO	FAILS OPEN
05-6-2701-1	5248	RESISTOR, 1.2K 2W (TO	FAILS OPEN
05-6-2701-1	5448	RESISTOR, 1.2K 2W (TO	FAILS OPEN
05-6-2702-1	5509	RESISTOR, 1.2K 2W (TO	FAILS OPEN
05-6-2702-1	5573	RESISTOR, 1.2K 2W (TO	FAILS OPEN
05-6-2702-1	5590	RESISTOR, 1.2K 2W (TO	FAILS OPEN
05-6-2703-1	5082	RESISTOR, 1.2K 2W (TO	FAILS OPEN
05-6-2703-1	5223	RESISTOR, 1.2K 2W (TO	FAILS OPEN
05-6-2703-1	5229	RESISTOR, 1.2K 2W (TO	FAILS OPEN
05-6-2703-1	5431	RESISTOR, 1.2K 2W (TO	FAILS OPEN
05-6-2704-1	5114	RESISTOR, 1.2K 2W (TO	FAILS OPEN
05-6-2704-1	5430	RESISTOR, 1.2K 2W (TO	FAILS OPEN
05-6-2705-1	5220	RESISTOR, 1.2K 2W (TO	FAILS OPEN
05-6-2705-1	5226	RESISTOR, 1.2K 2W (TO	FAILS OPEN
05-6-2707-1	5097	RESISTOR, 1.2K 2W (TO	FAILS OPEN
05-6-2707-1	5205	RESISTOR, 1.2K 2W (TO	FAILS OPEN
05-6-2707-1	5419	RESISTOR, 1.2K 2W (TO	FAILS OPEN
05-6-2751-1	5988	RELAY, 4P TO PLBM-AC1	FAILS OPEN
05-6-2751-1	5990	RELAY, 4P TO PLBM-AC1	FAILS OPEN
05-6-2751-2	5988	RELAY, 4P TO PLBM-AC1	POLE-TO-POLE SHOR
05-6-2751-2	5990	RELAY, 4P TO PLBM-AC1	POLE-TO-POLE SHOR
05-6-2752-1	6164	RELAY, 4P TO PLBM-AC2	FAILS OPEN
05-6-2752-1	6167	RELAY, 4P TO PLBM-AC2	FAILS OPEN
05-6-2752-2	6164	RELAY, 4P TO PLBM-AC2	POLE-TO-POLE SHOR
05-6-2752-2	6167	RELAY, 4P TO PLBM-AC2	POLE-TO-POLE SHOR
05-6-2753-1	6348	RELAY, 4P TO PLBM-AC3	FAILS OPEN
05-6-2753-1	6350	RELAY, 4P TO PLBM-AC3	FAILS OPEN
05-6-2753-2	6348	RELAY, 4P TO PLBM-AC3	POLE-TO-POLE SHOR
05-6-2753-2	6350	RELAY, 4P TO PLBM-AC3	POLE-TO-POLE SHOR
05-6-2754-1	5992	RELAY, 4P TO PLBM-AC1	FAILS OPEN
05-6-2754-1	5994	RELAY, 4P TO PLBM-AC1	FAILS OPEN
05-6-2754-2	5992	RELAY, 4P TO PLBM-AC1	POLE-TO-POLE SHOR
05-6-2754-2	5994	RELAY, 4P TO PLBM-AC1	POLE-TO-POLE SHOR
05-6-2755-1	6156	RELAY, 4P TO PLBM-AC2	FAILS OPEN
05-6-2755-1	6159	RELAY, 4P TO PLBM-AC2	FAILS OPEN
05-6-2755-2	6156	RELAY, 4P TO PLBM-AC2	POLE-TO-POLE SHOR
05-6-2755-2	6159	RELAY, 4P TO PLBM-AC2	POLE-TO-POLE SHOR
05-6-2756-1	6172	RELAY, 4P TO PLBM-AC2	FAILS OPEN
05-6-2756-1	6175	RELAY, 4P TO PLBM-AC2	FAILS OPEN
05-6-2756-2	6172	RELAY, 4P TO PLBM-AC2	POLE-TO-POLE SHOR
05-6-2756-2	6175	RELAY, 4P TO PLBM-AC2	POLE-TO-POLE SHOR
05-6-2757-1	6344	RELAY, 4P TO PLBM-AC3	FAILS OPEN
05-6-2757-1	6346	RELAY, 4P TO PLBM-AC3	FAILS OPEN
05-6-2757-2	6344	RELAY, 4P TO PLBM-AC3	POLE-TO-POLE SHOR
05-6-2757-2	6346	RELAY, 4P TO PLBM-AC3	POLE-TO-POLE SHOR

APPENDIX D
POTENTIAL CRITICAL ITEMS

NASA FMEA	MDAC-ID	ITEM	FAILURE MODE
05-6-2801-1	5112	RPC, 5A (TO AMCA-1)	FAILS OPEN
05-6-2801-1	5251	RPC, 5A (TO AMCA-2)	FAILS OPEN
05-6-2801-1	5451	RPC, 5A (TO AMCA-3)	FAILS OPEN
05-6-2802-1	5512	RPC, 5A (TO RCS/QMS B	FAILS OPEN
05-6-2802-1	5576	RPC, 5A (TO RCS/QMS C	FAILS OPEN
05-6-2802-1	5586	RPC, 5A (TO RCS/QMS A	FAILS OPEN
05-6-2803-1	5103	RPC, 5A (TO MMCA-1)	FAILS OFF
05-6-2803-1	5237	RPC, 5A (TO MMCA-2)	FAILS OFF
05-6-2803-1	5241	RPC, 5A (TO MMCA-4)	FAILS OFF
05-6-2803-1	5444	RPC, 5A (TO MMCA-4)	FAILS OFF
05-6-2803-2	5102	RPC, 5A (TO MMCA-1)	FAILS ON
05-6-2803-2	5236	RPC, 5A (TO MMCA-2)	FAILS ON
05-6-2803-2	5240	RPC, 5A (TO MMCA-4)	FAILS ON
05-6-2803-2	5443	RPC, 5A (TO MMCA-4)	FAILS ON
05-6-2804-1	5118	RPC, 5A (TO MMCA-3)	FAILS OFF
05-6-2804-1	5442	RPC, 5A (TO MMCA-2)	FAILS OFF
05-6-2804-2	5117	RPC, 5A (TO MMCA-3)	FAILS ON
05-6-2804-2	5441	RPC, 5A (TO MMCA-2)	FAILS ON
05-6-2805-1	5235	RPC, 5A (TO MMCA-1)	FAILS OFF
05-6-2805-1	5238	RPC, 5A (TO MMCA-3)	FAILS OFF
05-6-2807-1	5090	RPC, 5A (FMCA-1 PWR C	FAILS OFF
05-6-2807-1	5213	RPC, 5A (FMCA-2 PWR C	FAILS OFF
05-6-2807-1	5426	RPC, 5A (FMCA-3 PWR C	FAILS OFF
05-6-2902-1	5514	DIODE, 12A (TO RCS/OM	FAILS OPEN
05-6-2902-1	5585	DIODE, 12A (TO RCS/OM	FAILS OPEN
05-6-2902-1	5517	DIODE, 12A (TO RCS/OM	FAILS OPEN
05-6-2902-1	5578	DIODE, 12A (TO RCS/OM	FAILS OPEN
05-6-2902-1	5581	DIODE, 12A (TO RCS/OM	FAILS OPEN
05-6-2902-1	5582	DIODE, 12A (TO RCS/OM	FAILS OPEN
05-6-2902-2	5515	DIODE, 12A (TO RCS/OM	SHORTS
05-6-2902-2	5516	DIODE, 12A (TO RCS/OM	SHORTS
05-6-2902-2	5579	DIODE, 12A (TO RCS/OM	SHORTS
05-6-2902-2	5580	DIODE, 12A (TO RCS/OM	SHORTS
05-6-2902-2	5583	DIODE, 12A (TO RCS/OM	SHORTS
05-6-2902-2	5584	DIODE, 12A (TO RCS/OM	SHORTS
05-6-2902-3	5514	DIODE, 12A (TO RCS/OM	SHORTS TO GROUND
05-6-2902-3	5585	DIODE, 12A (TO RCS/OM	SHORTS TO GROUND
05-6-2902-3	5517	DIODE, 12A (TO RCS/OM	SHORTS TO GROUND
05-6-2902-3	5578	DIODE, 12A (TO RCS/OM	SHORTS TO GROUND
05-6-2902-3	5581	DIODE, 12A (TO RCS/OM	SHORTS TO GROUND
05-6-2902-3	5582	DIODE, 12A (TO RCS/OM	SHORTS TO GROUND
05-6-2903-1	5811	DIODE, ISOLATION 3A	FAILS OPEN
05-6-2903-1	5814	DIODE, ISOLATION 3A	FAILS OPEN
05-6-2903-1	5815	DIODE, ISOLATION 3A	FAILS OPEN
05-6-2903-1	5818	DIODE, ISOLATION 3A	FAILS OPEN
05-6-2903-1	5819	DIODE, ISOLATION 3A	FAILS OPEN
05-6-2903-1	5822	DIODE, ISOLATION 3A	FAILS OPEN
05-6-2903-1	5823	DIODE, ISOLATION 3A	FAILS OPEN
05-6-2903-1	5826	DIODE, ISOLATION 3A	FAILS OPEN

APPENDIX D
POTENTIAL CRITICAL ITEMS

NASA FMEA	MDAC-ID	ITEM	FAILURE MODE
05-6-2903-2	5812	DIODE, ISOLATION 3A	SHORTS
05-6-2903-2	5813	DIODE, ISOLATION 3A	SHORTS
05-6-2903-2	5816	DIODE, ISOLATION 3A	SHORTS
05-6-2903-2	5817	DIODE, ISOLATION 3A	SHORTS
05-6-2903-2	5820	DIODE, ISOLATION 3A	SHORTS
05-6-2903-2	5821	DIODE, ISOLATION 3A	SHORTS
05-6-2903-2	5824	DIODE, ISOLATION 3A	SHORTS
05-6-2903-2	5825	DIODE, ISOLATION 3A	SHORTS
05-6EB-2004-1	5980	RELAY TO PLBD AC1	FAILS OPEN
05-6EB-2004-1	5982	RELAY TO PLBD AC1	FAILS OPEN
05-6EB-2004-1	5984	RELAY TO PLBD AC1	FAILS OPEN
05-6EB-2004-1	5986	RELAY TO PLBD AC1	FAILS OPEN
05-6EB-2004-1	6160	RELAY TO PLBD AC2	FAILS OPEN
05-6EB-2004-1	6163	RELAY TO PLBD AC2	FAILS OPEN
05-6EB-2004-1	6168	RELAY TO PLBD AC2	FAILS OPEN
05-6EB-2004-1	6171	RELAY TO PLBD AC2	FAILS OPEN
05-6EB-2004-1	6336	RELAY TO PLBD AC3	FAILS OPEN
05-6EB-2004-1	6338	RELAY TO PLBD AC3	FAILS OPEN
05-6EB-2004-1	6340	RELAY TO PLBD AC3	FAILS OPEN
05-6EB-2004-1	6342	RELAY TO PLBD AC3	FAILS OPEN
05-6EB-2004-2	5981	RELAY TO PLBD AC1	FAILS CLOSED
05-6EB-2004-2	5983	RELAY TO PLBD AC1	FAILS CLOSED
05-6EB-2004-2	5985	RELAY TO PLBD AC1	FAILS CLOSED
05-6EB-2004-2	5987	RELAY TO PLBD AC1	FAILS CLOSED
05-6EB-2004-2	6161	RELAY TO PLBD AC2	FAILS CLOSED
05-6EB-2004-2	6162	RELAY TO PLBD AC2	FAILS CLOSED
05-6EB-2004-2	6169	RELAY TO PLBD AC2	FAILS CLOSED
05-6EB-2004-2	6170	RELAY TO PLBD AC2	FAILS CLOSED
05-6EB-2004-2	6337	RELAY TO PLBD AC3	FAILS CLOSED
05-6EB-2004-2	6339	RELAY TO PLBD AC3	FAILS CLOSED
05-6EB-2004-2	6341	RELAY TO PLBD AC3	FAILS CLOSED
05-6EB-2004-2	6343	RELAY TO PLBD AC3	FAILS CLOSED

APPENDIX E DETAILED ANALYSIS

This appendix contains the IOA analysis worksheets supplementing previous results reported in STSEOS Working Paper 1.0-WP-VA86001-28, Analysis of the Electrical Power Distribution and Control Subsystem, (3 April 1987). Prior results were obtained independently and documented before starting the FMEA/CIL assessment activity. Supplemental analysis was performed to address failure modes not previously considered by the IOA. Each sheet identifies the hardware item being analyzed, parent assembly and function performed. For each failure mode possible causes are identified, and hardware and functional criticality for each mission phase are determined as described in NSTS 22206, Instructions for Preparation of FMEA and CIL, 10 October 1986. Failure mode effects are described at the bottom of each sheet and worst case criticality is identified at the top.

LEGEND FOR IOA ANALYSIS WORKSHEETS

Hardware Criticalities:

- 1 = Loss of life or vehicle
- 2 = Loss of mission or next failure of any redundant item (like or unlike) could cause loss of life/vehicle
- 3 = All others

Functional Criticalities:

- 1R = Redundant hardware items (like or unlike) all of which, if failed, could cause loss of life or vehicle.
- 2R = Redundant hardware items (like or unlike) all of which, if failed, could cause loss of mission.

Redundancy Screen A:

- 1 = Is Checked Out PreFlight
- 2 = Is Capable of Check Out PreFlight
- 3 = Not Capable of Check Out PreFlight
- NA = Not Applicable

Redundancy Screens B and C:

- P = Passed Screen
- F = Failed Screen
- NA = Not Applicable

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: _____ HIGHEST CRITICALITY HDW/FUNC
SUBSYSTEM: EPD&C FLIGHT: 3/3
MDAC ID: 6671 ABORT: 3/3

ITEM: PREFLIGHT TEST CIRCUIT - RMS JETTISON
CONTROL/POWER
FAILURE MODE: ALL CREDIBLE MODES

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) PREFLIGHT TEST CIRCUIT - RMS JETTISON CONTROL/POWER
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

CRITICALITIES			
FLIGHT PHASE	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	3/3
LIFTOFF:	3/3	TAL:	3/3
ONORBIT:	3/3	AOA:	3/3
DEORBIT:	3/3	ATO:	3/3
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [] B [] C []

LOCATION:
PART NUMBER:

CAUSES: CONTAMINATION, PIECE-PART STRUCTURAL FAILURE, VIBRATION,
THERMAL SHOCK

EFFECTS/RATIONALE:
WORST CASE FAILURE (AFTER MULTIPLE FAILURES) WOULD CAUSE THE
RESISTANCE TEST BUS TO BE POWERED. THIS WOULD HAVE NO EFFECT ON
CREW/MISSION/VEHICLE.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: HIGHEST CRITICALITY HDW/FUNC
SUBSYSTEM: EPD&C FLIGHT: 3/1R
MDAC ID: 6672 ABORT: 3/1R

ITEM: ABORT MODE CONTROL/PWR CIRCUIT
FAILURE MODE: ALL CREDIBLE MODES

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) ABORT MODE CONTROL/PWR CIRCUIT
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

	CRITICALITIES		
FLIGHT PHASE	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	3/1R
LIFTOFF:	3/1R	TAL:	3/1R
ONORBIT:	3/3	AOA:	3/1R
DEORBIT:	3/3	ATO:	3/1R
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [1] B [P] C [P]

LOCATION:
PART NUMBER:

CAUSES: CONTAMINATION, PIECE-PART STRUCTURAL FAILURE, VIBRATION,
THERMAL SHOCK

EFFECTS/RATIONALE:

NASA HAS REMOVED THE ABORT MODE ROTARY SWITCH AND THE ABORT
PUSHBUTTON AND COVERED THESE ITEMS IN FMEAS 05-6-2659 AND 05-6-
2660, RESPECTIVELY. THE REST OF THE CIRCUIT FAILURES ARE
CONSIDERED NON-CRITICAL OR DETECTABLE.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE:	HIGHEST CRITICALITY	HDW/FUNC
SUBSYSTEM: EPD&C	FLIGHT:	3/3
MDAC ID: 6673	ABORT:	3/3

ITEM: OPERATIONAL STATUS MEASUREMENT CIRCUIT - FWD MCA 1
FAILURE MODE: ALL CREDIBLE MODES

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) OPERATIONAL STATUS MEASUREMENT CIRCUIT - FWD MCA 1
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	CRITICALITIES		
	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	3/3
LIFTOFF:	3/3	TAL:	3/3
ONORBIT:	3/3	AOA:	3/3
DEORBIT:	3/3	ATO:	3/3
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [] B [] C []

LOCATION:
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:
FIRST FAILURE WOULD CAUSE LOSS OF SINGLE STRING MEASUREMENT
CIRCUIT. THESE ARE NON-CRITICAL MEASUREMENTS AND THEIR LOSS IS
ONLY DETECTABLE FROM THE GROUND. ALTERNATE MEASUREMENTS ARE
AVAILABLE TO THE CREW.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE:	HIGHEST CRITICALITY	HDW/FUNC
SUBSYSTEM: EPD&C	FLIGHT:	3/3
MDAC ID: 6674	ABORT:	3/3

ITEM: OPERATIONAL STATUS MEASUREMENT CIRCUIT - FWD MCA 2
FAILURE MODE: ALL CREDIBLE MODES

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) OPERATIONAL STATUS MEASUREMENT CIRCUIT - FWD MCA 2
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

	CRITICALITIES		
FLIGHT PHASE	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	3/3
LIFTOFF:	3/3	TAL:	3/3
ONORBIT:	3/3	AOA:	3/3
DEORBIT:	3/3	ATO:	3/3
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [] B [] C []

LOCATION:
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:

FIRST FAILURE WOULD CAUSE LOSS OF SINGLE STRING MEASUREMENT CIRCUIT. THESE ARE NON-CRITICAL MEASUREMENTS AND THEIR LOSS IS ONLY DETECTABLE FROM THE GROUND. ALTERNATE MEASUREMENTS ARE AVAILABLE TO THE CREW.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE:	HIGHEST CRITICALITY
SUBSYSTEM: EPD&C	FLIGHT: 3/3
MDAC ID: 6675	ABORT: 3/3

ITEM: OPERATIONAL STATUS MEASUREMENT CIRCUIT - FWD MCA 3
FAILURE MODE: ALL CREDIBLE MODES

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) OPERATIONAL STATUS MEASUREMENT CIRCUIT - FWD MCA 3
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	CRITICALITIES	
	HDW/FUNC	ABORT
PRELAUNCH:	3/3	RTLS: 3/3
LIFTOFF:	3/3	TAL: 3/3
ONORBIT:	3/3	AOA: 3/3
DEORBIT:	3/3	ATO: 3/3
LANDING/SAFING:	3/3	

REDUNDANCY SCREENS: A [] B [] C []

LOCATION:
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:

FIRST FAILURE WOULD CAUSE LOSS OF SINGLE STRING MEASUREMENT CIRCUIT. THESE ARE NON-CRITICAL MEASUREMENTS AND THEIR LOSS IS ONLY DETECTABLE FROM THE GROUND. ALTERNATE MEASUREMENTS ARE AVAILABLE TO THE CREW.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE:	HIGHEST CRITICALITY	HDW/FUNC
SUBSYSTEM: EPD&C	FLIGHT:	3/3
MDAC ID: 6676	ABORT:	3/3

ITEM: OPERATIONAL STATUS MEASUREMENT CIRCUIT - MID MCA 1
FAILURE MODE: ALL CREDIBLE MODES

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) OPERATIONAL STATUS MEASUREMENT CIRCUIT - MID MCA 1
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	HDW/FUNC	CRITICALITIES	
		ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	3/3
LIFTOFF:	3/3	TAL:	3/3
ONORBIT:	3/3	AOA:	3/3
DEORBIT:	3/3	ATO:	3/3
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [] B [] C []

LOCATION:
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:

FIRST FAILURE WOULD CAUSE LOSS OF SINGLE STRING MEASUREMENT CIRCUIT. THESE ARE NON-CRITICAL MEASUREMENTS AND THEIR LOSS IS ONLY DETECTABLE FROM THE GROUND. ALTERNATE MEASUREMENTS ARE AVAILABLE TO THE CREW.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE:	HIGHEST CRITICALITY	HDW/FUNC
SUBSYSTEM: EPD&C	FLIGHT:	3/3
MDAC ID: 6677	ABORT:	3/3

ITEM: OPERATIONAL STATUS MEASUREMENT CIRCUIT - MID MCA 2
FAILURE MODE: ALL CREDIBLE MODES

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) OPERATIONAL STATUS MEASUREMENT CIRCUIT - MID MCA 2
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	CRITICALITIES		
	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	3/3
LIFTOFF:	3/3	TAL:	3/3
ONORBIT:	3/3	AOA:	3/3
DEORBIT:	3/3	ATO:	3/3
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [] B [] C []

LOCATION:
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:
FIRST FAILURE WOULD CAUSE LOSS OF SINGLE STRING MEASUREMENT
CIRCUIT. THESE ARE NON-CRITICAL MEASUREMENTS AND THEIR LOSS IS
ONLY DETECTABLE FROM THE GROUND. ALTERNATE MEASUREMENTS ARE
AVAILABLE TO THE CREW.

REFERENCES:

DATE:		HIGHEST CRITICALITY	HDW/FUNC
SUBSYSTEM:	EPD&C	FLIGHT:	3/3
MDAC ID:	6678	ABORT:	3/3

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

1) OPERATIONAL STATUS MEASUREMENT CIRCUIT - MID MCA 3

CRITICALITIES			
FLIGHT PHASE	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	3/3
LIFTOFF:	3/3	TAL:	3/3
ONORBIT:	3/3	AOA:	3/3
DEORBIT:	3/3	ATO:	3/3
LANDING/SAFING:	3/3		

LOCATION:
PART NUMBER:

EFFECTS/RATIONALE:
FIRST FAILURE WOULD CAUSE LOSS OF SINGLE STRING MEASUREMENT
CIRCUIT. THESE ARE NON-CRITICAL MEASUREMENTS AND THEIR LOSS IS
ONLY DETECTABLE FROM THE GROUND. ALTERNATE MEASUREMENTS ARE
AVAILABLE TO THE CREW.

REPORT DATE 02/22/88

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE:		HIGHEST CRITICALITY	HDW/FUNC
SUBSYSTEM:	EPD&C	FLIGHT:	3/3
MDAC ID:	6679	ABORT:	3/3

ITEM: OPERATIONAL STATUS MEASUREMENT CIRCUIT - MID MCA 4
FAILURE MODE: ALL CREDIBLE MODES

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) OPERATIONAL STATUS MEASUREMENT CIRCUIT - MID MCA 4
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	CRITICALITIES		HDW/FUNC
	HDW/FUNC	ABORT	
PRELAUNCH:	3/3	RTLS:	3/3
LIFTOFF:	3/3	TAL:	3/3
ONORBIT:	3/3	AOA:	3/3
DEORBIT:	3/3	ATO:	3/3
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [] B [] C []

LOCATION:
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:
FIRST FAILURE WOULD CAUSE LOSS OF SINGLE STRING MEASUREMENT
CIRCUIT. THESE ARE NON-CRITICAL MEASUREMENTS AND THEIR LOSS IS
ONLY DETECTABLE FROM THE GROUND. ALTERNATE MEASUREMENTS ARE
AVAILABLE TO THE CREW.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: HIGHEST CRITICALITY HDW/FUNC
SUBSYSTEM: EPD&C FLIGHT: 3/3
MDAC ID: 6680 ABORT: 3/3

ITEM: OPERATIONAL STATUS MEASUREMENT CIRCUIT - AFT MCA 1
FAILURE MODE: ALL CREDIBLE MODES

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) OPERATIONAL STATUS MEASUREMENT CIRCUIT - AFT MCA 1
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	CRITICALITIES		HDW/FUNC
	HDW/FUNC	ABORT	
PRELAUNCH:	3/3	RTLS:	3/3
LIFTOFF:	3/3	TAL:	3/3
ONORBIT:	3/3	AOA:	3/3
DEORBIT:	3/3	ATO:	3/3
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [] B [] C []

LOCATION:
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:

FIRST FAILURE WOULD CAUSE LOSS OF SINGLE STRING MEASUREMENT
CIRCUIT. THESE ARE NON-CRITICAL MEASUREMENTS AND THEIR LOSS IS
ONLY DETECTABLE FROM THE GROUND. ALTERNATE MEASUREMENTS ARE
AVAILABLE TO THE CREW.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: HIGHEST CRITICALITY HDW/FUNC
SUBSYSTEM: EPD&C FLIGHT: 3/3
MDAC ID: 6681 ABORT: 3/3

ITEM: OPERATIONAL STATUS MEASUREMENT CIRCUIT - AFT MCA 2
FAILURE MODE: ALL CREDIBLE MODES

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) OPERATIONAL STATUS MEASUREMENT CIRCUIT - AFT MCA 2
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	CRITICALITIES		
	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	3/3
LIFTOFF:	3/3	TAL:	3/3
ONORBIT:	3/3	AOA:	3/3
DEORBIT:	3/3	ATO:	3/3
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [] B [] C []

LOCATION:
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:

FIRST FAILURE WOULD CAUSE LOSS OF SINGLE STRING MEASUREMENT
CIRCUIT. THESE ARE NON-CRITICAL MEASUREMENTS AND THEIR LOSS IS
ONLY DETECTABLE FROM THE GROUND. ALTERNATE MEASUREMENTS ARE
AVAILABLE TO THE CREW.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE:		HIGHEST CRITICALITY	HDW/FUNC
SUBSYSTEM:	EPD&C	FLIGHT:	2/1R
MDAC ID:	6683	ABORT:	1/1

ITEM: BUS, MAIN DC A
FAILURE MODE: LOSS OF OUTPUT

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) BUS, MAIN DC A
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

CRITICALITIES			
FLIGHT PHASE	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	1/1
LIFTOFF:	2/1R	TAL:	1/1
ONORBIT:	3/1R	AOA:	2/1R
DEORBIT:	2/1R	ATO:	2/1R
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [1] B [P] C [P]

LOCATION: 40V76A31
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:

FIRST FAILURE HAS NO EFFECT EXCEPT DURING INTACT ABORT PRIOR TO
OMS/RCS INTERCONNECT, WHICH WOULD LEAVE THE RCS TANK ISOLATION
VALVE OPEN DURING PROPELLANT DUMP. ALSO WOULD CAUSE LOSS OF
POWER TO HELIUM BLOWDOWN VALVES WHICH WOULD PREVENT PURGING OF
AFT

FUSELAGE DURING AN RTLS OR TAL AND CREATING A POSSIBLE
FIRE/EXPLOSION HAZARD DURING ENTRY. NOMINAL MISSION CRIT IS 1R2
WITH THE SECOND FAILURE (LOSS OF ANOTHER MAIN DC BUS OR FUEL
CELL/MAIN BUS CONTACTOR) CAUSING AN UNDERVOLTAGE TO CRITICAL
LOADS.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: HIGHEST CRITICALITY HDW/FUNC
SUBSYSTEM: EPD&C FLIGHT: 1/1
MDAC ID: 6684 ABORT: 1/1

ITEM: BUS, MAIN DC B
FAILURE MODE: LOSS OF OUTPUT

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) BUS, MAIN DC B
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	HDW/FUNC	CRITICALITIES	
		ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	1/1
LIFTOFF:	1/1	TAL:	1/1
ONORBIT:	3/1R	AOA:	2/1R
DEORBIT:	2/1R	ATO:	2/1R
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [] B [] C []

LOCATION: 40V76A32
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:

FIRST FAILURE WOULD CAUSE LOSS OF POWER TO ET TUMBLE CIRCUITRY
WHICH COULD CAUSE LOSS OF LIFE UPON ET IMPACT.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: _____
SUBSYSTEM: EPD&C
MDAC ID: 6685

HIGHEST CRITICALITY HDW/FUNC
FLIGHT: 2/1R
ABORT: 1/1

ITEM: BUS, MAIN DC C
FAILURE MODE: LOSS OF OUTPUT

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) BUS, MAIN DC C
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

	CRITICALITIES		
FLIGHT PHASE	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	1/1
LIFTOFF:	2/1R	TAL:	1/1
ONORBIT:	3/1R	AOA:	2/1R
DEORBIT:	2/1R	ATO:	2/1R
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [1] B [P] C [P]

LOCATION: 40V76A33
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:

FIRST FAILURE HAS NO EFFECT EXCEPT DURING INTACT ABORT PRIOR TO
OMS/RCS INTERCONNECT, WHICH WOULD LEAVE THE RCS TANK ISOLATION
VALVE OPEN DURING PROPELLANT DUMP. ALSO WOULD CAUSE LOSS OF
POWER TO HELIUM BLOWDOWN VALVES WHICH WOULD PREVENT PURGING OF
AFT

FUSELAGE DURING AN RTLS OR TAL AND CREATING A POSSIBLE
FIRE/EXPLOSION HAZARD DURING ENTRY. NOMINAL MISSION CRIT IS 1R2
WITH THE SECOND FAILURE (LOSS OF ANOTHER MAIN DC BUS OR FUEL
CELL/MAIN BUS CONTACTOR) CAUSING AN UNDERVOLTAGE TO CRITICAL
LOADS.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE:		HIGHEST CRITICALITY	HDW/FUNC
SUBSYSTEM:	EPD&C	FLIGHT:	2/1R
MDAC ID:	6686	ABORT:	2/1R

ITEM: ESSENTIAL BUSSSES
FAILURE MODE: LOSS OF POWER

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) ESSENTIAL BUSES
2)
3)
4)
5)
6)
7)
8)
9) 05-6

CRITICALITIES

FLIGHT PHASE	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	2/1R
LIFTOFF:	2/1R	TAL:	2/1R
ONORBIT:	2/1R	AOA:	2/1R
DEORBIT:	2/1R	ATO:	2/1R
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [1] B [P] C [P]

LOCATION: 40V76A31, 32, 33
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:

EFFECTS/RATIONALE:
LOSS OF ONE ESSENTIAL BUS CAUSES THE LOSS OF CONTROL AND COOLING OF ONE FUEL CELL. IF THE FUEL CELL CANNOT BE DISCONNECTED FROM THE MAIN DC BUS, THE RESULTANT LOAD WILL CAUSE THE FUEL CELL TO OVERHEAT AND THEN EXPLODE.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE:		HIGHEST CRITICALITY	HDW/FUNC
SUBSYSTEM:	EPD&C	FLIGHT:	2/1R
MDAC ID:	6687	ABORT:	2/1R

ITEM: AC BUS 1,2,3
FAILURE MODE: ONE PHASE SHORTS

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) AC BUS 1,2,3
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	CRITICALITIES	
	HDW/FUNC	ABORT
PRELAUNCH:	3/3	RTLS: 2/1R
LIFTOFF:	2/1R	TAL: 2/1R
ONORBIT:	2/1R	AOA: 2/1R
DEORBIT:	2/1R	ATO: 2/1R
LANDING/SAFING:	3/3	

REDUNDANCY SCREENS: A [1] B [P] C [P]

LOCATION: 81V76A35, 36, 37
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:

FIRST FAILURE COULD CAUSE LOSS OF ONE AC BUS, IF SENSOR SWITCH IS
IN "AUTO". SECOND FAILURE OF ANOTHER AC BUS WOULD CAUSE LOSS OF
CRITICAL LOADS AND POSSIBLE LOSS OF CREW/VEHICLE.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE:	HIGHEST CRITICALITY	HDW/FUNC
SUBSYSTEM: EPD&C	FLIGHT:	3/1R
MDAC ID: 6688	ABORT:	3/1R

ITEM: AC BUS 1,2,3
FAILURE MODE: LOSS OF OUTPUT ON ONE PHASE

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) AC BUS 1,2,3
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	CRITICALITIES HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	3/1R
LIFTOFF:	3/1R	TAL:	3/1R
ONORBIT:	3/1R	AOA:	3/1R
DEORBIT:	3/1R	ATO:	3/1R
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [1] B [P] C [P]

LOCATION: 81V76A35, 36, 37
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:

FIRST FAILURE WOULD CAUSE DEGRADATION OF POWER TO AC MOTORS.
LOSS OF ALL REDUNDANCY WOULD CAUSE POSSIBLE LOSS OF CREW/VEHICLE
DUE TO LOSS OF POWER TO CRITICAL LOADS (I.E. PAYLOAD BAY DOORS,
ET UMBILICAL DOOR).

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: _____ HIGHEST CRITICALITY HDW/FUNC
SUBSYSTEM: EPD&C FLIGHT: 3/2R
MDAC ID: 6689 ABORT: 3/3

ITEM: EMU POWER SUPPLY/CHARGER CIRCUIT
FAILURE MODE: ALL CREDIBLE MODES

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) EMU POWER SUPPLY/CHARGER CIRCUIT
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	CRITICALITIES		HDW/FUNC
	HDW/FUNC	ABORT	
PRELAUNCH:	3/3	RTLS:	3/3
LIFTOFF:	3/3	TAL:	3/3
ONORBIT:	3/2R	AOA:	3/3
DEORBIT:	3/3	ATO:	3/3
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [1] B [P] C [P]

LOCATION:
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:

FIRST FAILURE WOULD REQUIRE THAT BOTH EMU BATTERIES WOULD HAVE TO
BE CHARGED FROM THE REMAINING CHARGING CIRCUIT. LOSS OF SECOND
CHARGING CIRCUIT MAY CAUSE LOSS OF MISSION IF ANOTHER EVA WERE
REQUIRED.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: HIGHEST CRITICALITY HDW/FUNC
SUBSYSTEM: EPD&C FLIGHT: 3/3
MDAC ID: 6690 ABORT: 3/3

ITEM: PAYLOAD POWER MONITORING CIRCUIT
FAILURE MODE: ALL CREDIBLE MODES

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) PAYLOAD POWER MONITORING CIRCUIT
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	HDW/FUNC	CRITICALITIES	
		ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	3/3
LIFTOFF:	3/3	TAL:	3/3
ONORBIT:	3/3	AOA:	3/3
DEORBIT:	3/3	ATO:	3/3
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [] B [] C []

LOCATION:
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:
THIS IS A NON-CRITICAL MEASUREMENT CIRCUIT. ALTERNATE MEANS OF
PAYLOAD POWER STATUS ARE AVAILABLE TO THE CREW.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: _____ HIGHEST CRITICALITY HDW/FUNC
SUBSYSTEM: EPD&C FLIGHT: 2/1R
MDAC ID: 6691 ABORT: 2/1R

ITEM: BUS, CONTROL AB1, AB2, AB3, BC1, BC2, BC3, CA1,
CA2, CA3
FAILURE MODE: LOSS OF POWER

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) BUS, CONTROL AB1, AB2, AB3, BC1, BC2, BC3, CA1, CA2, CA3
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	CRITICALITIES		
	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	2/1R
LIFTOFF:	2/1R	TAL:	2/1R
ONORBIT:	3/1R	AOA:	2/1R
DEORBIT:	3/1R	ATO:	2/1R
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [1] B [P] C [P]

LOCATION:
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:

FIRST FAILURE WOULD HAVE NO EFFECT ON CREW/MISSION/VEHICLE. LOSS
OF A SECOND CONTROL BUS COULD CAUSE LOSS OF CREW/VEHICLE DUE TO
INABILITY TO CONTROL/POWER CRITICAL LOADS.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: HIGHEST CRITICALITY HDW/FUNC
SUBSYSTEM: EPD&C FLIGHT: 3/3
MDAC ID: 6692 ABORT: 3/3

ITEM: SWITCH, TOGGLE PAYLOAD SAFING
FAILURE MODE: ALL CREDIBLE MODES

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) PAYLOAD SAFING SWITCH
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	CRITICALITIES		HDW/FUNC
	HDW/FUNC	ABORT	
PRELAUNCH:	3/3	RTLS:	3/3
LIFTOFF:	3/3	TAL:	3/3
ONORBIT:	3/3	AOA:	3/3
DEORBIT:	3/3	ATO:	3/3
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [] B [] C []

LOCATION: 35V73A3A5S1
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:

THIS IS A MISSION DEPENDENT SWITCH. ACCORDING TO NASA, IT HAS
NEVER BEEN USED AND A FMEA WILL BE WRITTEN WHEN A SPECIFIC USE
FOR IT IS NEEDED.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: HIGHEST CRITICALITY HDW/FUNC
SUBSYSTEM: EPD&C FLIGHT: 3/1R
MDAC ID: 6693 ABORT: 3/1R

ITEM: RESISTOR, 1.2K 2W (TO MEC #1)
FAILURE MODE: FAILS OPEN

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1)
- 2) 017 PANEL
- 3) RESISTOR, 1.2K 2W (TO MEC #1)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	HDW/FUNC	CRITICALITIES	HDW/FUNC
PRELAUNCH:	3/3	ABORT	
LIFTOFF:	3/1R	RTLS:	3/1R
ONORBIT:	3/3	TAL:	3/1R
DEORBIT:	3/3	AOA:	3/1R
LANDING/SAFING:	3/3	ATO:	3/1R

REDUNDANCY SCREENS: A [1] B [P] C [P]

LOCATION: 33V73A17A8R3
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:

THIS FAILURE WOULD CAUSE THE LOSS OF REDUNDANT POWER TO ONE MEC.
THE LOSS OF ALL POWER TO BOTH MECS COULD CAUSE LOSS OF
VEHICLE/CREW DUE TO INABILITY TO SEPERATE THE ET AND SRBS.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: HIGHEST CRITICALITY HDW/FUNC
SUBSYSTEM: EPD&C FLIGHT: 3/1R
MDAC ID: 6694 ABORT: 3/1R

ITEM: RESISTOR, 1.2K 2W (TO MEC #2)
FAILURE MODE: FAILS OPEN

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1)
- 2) 017 PANEL
- 3) RESISTOR, 1.2K 2W (TO MEC #2)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

	CRITICALITIES		
FLIGHT PHASE	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	3/1R
LIFTOFF:	3/1R	TAL:	3/1R
ONORBIT:	3/3	AOA:	3/1R
DEORBIT:	3/3	ATO:	3/1R
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [1] B [P] : C [P]

LOCATION: 33V73A17A9R3
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:

THIS FAILURE WOULD CAUSE THE LOSS OF REDUNDANT POWER TO ONE MEC.
THE LOSS OF ALL POWER TO BOTH MECS COULD CAUSE LOSS OF
VEHICLE/CREW DUE TO INABILITY TO SEPERATE THE ET AND SRBS.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: HIGHEST CRITICALITY HDW/FUNC
SUBSYSTEM: EPD&C FLIGHT: 3/3
MDAC ID: 6695 ABORT: 3/3

ITEM: RESISTOR, 1.2K 2W (TO MEC #2)
FAILURE MODE: SHORTS

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1)
- 2) 017 PANEL
- 3) RESISTOR, 1.2K 2W (TO MEC #2)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

CRITICALITIES			
FLIGHT PHASE	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	3/3
LIFTOFF:	3/3	TAL:	3/3
ONORBIT:	3/3	AOA:	3/3
DEORBIT:	3/3	ATO:	3/3
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [] B [] C []

LOCATION: 33V73A17A9R3
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:
THIS FAILURE WOULD HAVE NO EFFECT.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: HIGHEST CRITICALITY HDW/FUNC
SUBSYSTEM: EPD&C FLIGHT: 3/3
MDAC ID: 6696 ABORT: 3/3

ITEM: RESISTOR, 1.2K 2W (TO MEC #1)
FAILURE MODE: SHORTS

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1)
- 2) 017 PANEL
- 3) RESISTOR, 1.2K 2W (TO MEC #2)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	HDW/FUNC	CRITICALITIES	
		ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	3/3
LIFTOFF:	3/3	TAL:	3/3
ONORBIT:	3/3	AOA:	3/3
DEORBIT:	3/3	ATO:	3/3
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [] B [] C []

LOCATION: 33V73A17A8R3
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:
THIS FAILURE WOULD HAVE NO EFFECT.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: _____ HIGHEST CRITICALITY HDW/FUNC
SUBSYSTEM: EPD&C FLIGHT: 2/1R
MDAC ID: 6697 ABORT: 2/1R

ITEM: CONTROLLER, PYRO INITIATOR - ET/ORB FORWARD ATTACH
RELEASE
FAILURE MODE: LOSS OF OUTPUT

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) CONTROLLER, PYRO INITIATOR - ET/ORB FORWARD ATTACH RELEASE
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	CRITICALITIES		HDW/FUNC
	HDW/FUNC	ABORT	
PRELAUNCH:	3/3	RTLS:	2/1R
LIFTOFF:	2/1R	TAL:	2/1R
ONORBIT:	3/3	AOA:	2/1R
DEORBIT:	3/3	ATO:	2/1R
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [1] B [F] C [P]

LOCATION: 81V76A16PIC(A), 82V76A17PIC(B)
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:
SEE REMARKS UNDER ASSESSMENT ID EPD&C-6697.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: HIGHEST CRITICALITY HDW/FUNC
SUBSYSTEM: EPD&C FLIGHT: 1/1
MDAC ID: 6698 ABORT: 2/1R

ITEM: CONTROLLER, PYRO INITIATOR - ET/ORB FORWARD ATTACH
RELEASE
FAILURE MODE: PREMATURE OUTPUT

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) CONTROLLER, PYRO INITIATOR - ET/ORB FORWARD ATTACH RELEASE
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	HDW/FUNC	CRITICALITIES	ABORT	HDW/FUNC
PRELAUNCH:	3/3		RTLS:	2/1R
LIFTOFF:	1/1		TAL:	2/1R
ONORBIT:	3/3		AOA:	2/1R
DEORBIT:	3/3		ATO:	2/1R
LANDING/SAFING:	3/3			

REDUNDANCY SCREENS: A [] B [] C []

LOCATION: 81V76A16PIC(A), 82V76A17PIC(B)
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:
SEE REMARKS UNDER ASSESSMENT ID EPD&C-6698.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: HIGHEST CRITICALITY HDW/FUNC
SUBSYSTEM: EPD&C FLIGHT: 2/1R
MDAC ID: 6699 ABORT: 2/1R

ITEM: CONTROLLER, PYRO INITIATOR - RIGHT/LEFT ET/ORB AFT
ATTACH RELEASE
FAILURE MODE: LOSS OF OUTPUT

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) CONTROLLER, PYRO INITIATOR - RIGHT/LEFT ET/ORB AFT ATTACH RELEASE
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	CRITICALITIES		
	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	2/1R
LIFTOFF:	2/1R	TAL:	2/1R
ONORBIT:	3/3	AOA:	2/1R
DEORBIT:	3/3	ATO:	2/1R
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [1] B [F] C [P]

LOCATION: 54V76A13PIC7, 8, 55V76A14PIC7, 8
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:
SEE REMARKS UNDER ASSESSMENT ID EPD&C-6699.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: HIGHEST CRITICALITY HDW/FUNC
SUBSYSTEM: EPD&C FLIGHT: 1/1
MDAC ID: 6700 ABORT: 2/1R

ITEM: CONTROLLER, PYRO INITIATOR - RIGHT/LEFT ET/ORB AFT
ATTACH RELEASE
FAILURE MODE: PREMATURE OUTPUT

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

1) CONTROLLER, PYRO INITIATOR - RIGHT/LEFT ET/ORB AFT ATTACH
RELEASE

- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	HDW/FUNC	CRITICALITIES ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	2/1R
LIFTOFF:	1/1	TAL:	2/1R
ONORBIT:	3/3	AOA:	2/1R
DEORBIT:	3/3	ATO:	2/1R
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [] B [] C []

LOCATION: 54V76A13PIC7, 8, 55V76A14PIC7, 8
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:
SEE REMARKS UNDER ASSESSMENT ID EPD&C-6700.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: HIGHEST CRITICALITY HDW/FUNC
SUBSYSTEM: EPD&C FLIGHT: 2/1R
MDAC ID: 6701 ABORT: 2/1R

ITEM: CONTROLLER, PYRO INITIATOR - RIGHT/LEFT ET/ORB
UMBILICAL ATTACH RELEASE 1,2,3
FAILURE MODE: LOSS OF OUTPUT

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) CONTROLLER, PYRO INITIATOR - RIGHT/LEFT ET/ORB UMBILICAL ATTACH RELEASE 1,2,3
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	CRITICALITIES		
	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	2/1R
LIFTOFF:	2/1R	TAL:	2/1R
ONORBIT:	3/3	AOA:	2/1R
DEORBIT:	3/3	ATO:	2/1R
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [1] B [F] C [P]

LOCATION: 54V76A13PIC1-6, 55V76A14PIC1-6
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:
SEE REMARKS UNDER ASSESSMENT ID EPD&C-6701.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: HIGHEST CRITICALITY HDW/FUNC
SUBSYSTEM: EPD&C FLIGHT: 2/1R
MDAC ID: 6702 ABORT: 2/1R

ITEM: CONTROLLER, PYRO INITIATOR - RIGHT/LEFT ET/ORB
UMBILICAL ATTACH RELEASE 1,2,3
FAILURE MODE: PREMATURE OUTPUT

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

1) CONTROLLER, PYRO INITIATOR - RIGHT/LEFT ET/ORB UMBILICAL
ATTACH RELEASE 1,2,3

2)

3)

4)

5)

6)

7)

8)

9) 05-6

FLIGHT PHASE	HDW/FUNC	CRITICALITIES	HDW/FUNC
		ABORT	
PRELAUNCH:	3/3	RTLS:	2/1R
LIFTOFF:	2/1R	TAL:	2/1R
ONORBIT:	3/3	AOA:	2/1R
DEORBIT:	3/3	ATO:	2/1R
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [1] B [F] C [P]

LOCATION: 54V76A13PIC1-6, 55V76A14PIC1-6
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:
SEE REMARKS UNDER ASSESSMENT ID EPD&C-6702.

REFERENCES:

DATE:		HIGHEST CRITICALITY	HDW/FUNC
SUBSYSTEM:	EPD&C	FLIGHT:	1/1
MDAC ID:	6703	ABORT:	1/1

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

- 1) ABORT MODE CONTROL CIRCUIT
- 2) PANEL F6A8
- 3) SWITCH, PUSHBUTTON, 4-POLE - ABORT INITIATE SWITCH
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

CRITICALITIES			
FLIGHT PHASE	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	3/3
LIFTOFF:	1/1	TAL:	1/1
ONORBIT:	3/3	AOA:	1/1
DEORBIT:	3/3	ATO:	1/1
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [] B [] C []

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, PIECE-PART
STRUCTURAL FAILURE

DURING AN AOA, TAL, OR ATO, THE ONBOARD SOFTWARE WOULD BE MODDED TO "RTLS ABORT" AS THIS IS THE FIRST POSITION ON THE MODE SELECT SWITCH. THE SOFTWARE CANNOT BE DOWNMODDED FROM THIS STATE, SO LOSS OF CREW/VEHICLE IS HIGHLY PROBABLE.

REPORT DATE 02/22/88

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: HIGHEST CRITICALITY HDW/FUNC
SUBSYSTEM: EPD&C FLIGHT: 2/1R
MDAC ID: 6704 ABORT: 2/1R

ITEM: SWITCH, PUSHBUTTON, 4-POLE - ABORT INITIATE SWITCH
FAILURE MODE: FAILS OPEN

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) ABORT MODE CONTROL CIRCUIT
- 2) PANEL F6A8
- 3) SWITCH, PUSHBUTTON, 4-POLE - ABORT INITIATE SWITCH
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	CRITICALITIES	
	HDW/FUNC	ABORT
PRELAUNCH:	3/3	RTLS: 2/1R
LIFTOFF:	2/1R	TAL: 2/1R
ONORBIT:	3/3	AOA: 2/1R
DEORBIT:	3/3	ATO: 2/1R
LANDING/SAFING:	3/3	

REDUNDANCY SCREENS: A [1] B [NA] C [P]

LOCATION: 34V73A6A8S2
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, PIECE-PART
STRUCTURAL FAILURE

EFFECTS/RATIONALE:

FIRST FAILURE WOULD HAVE NO EFFECT AS THE CREW COULD INITIATE AN
ABORT VIA KEYBOARD ENTRY. IF THE KEYBOARD ENTRY DID NOT WORK,
LOSS OF CREW/VEHICLE IS HIGHLY PROBABLE.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: HIGHEST CRITICALITY HDW/FUNC
SUBSYSTEM: EPD&C FLIGHT: 2/1R
MDAC ID: 6706 ABORT: 2/1R

ITEM: SWITCH, ROTARY - ABORT MODE SELECT
FAILURE MODE: FAILS CLOSED, CONTACT-TO-CONTACT SHORT

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) ABORT MODE CONTROL CIRCUIT
- 2) PANEL F6A8
- 3) SWITCH, ROTARY - ABORT MODE SELECT
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	CRITICALITIES		HDW/FUNC
	HDW/FUNC	ABORT	
PRELAUNCH:	3/3	RTLS:	3/3
LIFTOFF:	2/1R	TAL:	2/1R
ONORBIT:	3/3	AOA:	2/1R
DEORBIT:	3/3	ATO:	2/1R
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [1] B [NA] C [P]

LOCATION: 34V73A6A8S1
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, PIECE-PART
STRUCTURAL FAILURE

EFFECTS/RATIONALE:
DURING AN AOA, TAL, OR ATO, TWO FAILURES ARE REQUIRED TO CAUSE
LOSS OF CREW/VEHICLE, AND THAT WOULD BE TWO SETS OF CONTACTS THAT
WOULD SELECT "RTLS ABORT". SOFTWARE COULD NOT BE DOWNMODED TO
AOA, TAL, OR ATO.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE:		HIGHEST CRITICALITY	HDW/FUNC
SUBSYSTEM:	EPD&C	FLIGHT:	3/3
MDAC ID:	6707	ABORT:	3/3

ITEM: RESISTOR, 5.1K 1/4W
FAILURE MODE: FAILS OPEN

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) CONTROL BUSSES AB1 & CA1
- 2) MMCA-1
- 3) RESISTOR, 5.1K 1/4W (TO MDM-OF1)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	CRITICALITIES	
	HDW/FUNC	ABORT
PRELAUNCH:	3/3	RTLS: 3/3
LIFTOFF:	3/3	TAL: 3/3
ONORBIT:	3/3	AOA: 3/3
DEORBIT:	3/3	ATO: 3/3
LANDING/SAFING:	3/3	

REDUNDANCY SCREENS: A [] B [] C []

LOCATION: 40V76A117A1R6
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:

THIS FAILURE WOULD CAUSE THE LOSS OF A SWITCH SCAN MEASUREMENT
THAT IS NON-CRITICAL TO FLIGHT OPERATIONS.

REFERENCES: 76BC6H

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: _____ HIGHEST CRITICALITY HDW/FUNC
SUBSYSTEM: \ EPD&C FLIGHT: 3/3
MDAC ID: 6708 ABORT: 3/3

ITEM: RESISTOR, 5.1K 1/4W
FAILURE MODE: FAILS OPEN

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1) CONTROL BUSES AB2 & CA2
- 2) MMCA-3
- 3) RESISTOR, 5.1K 1/4W (TO MDM-OF1)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	HDW/FUNC	CRITICALITIES ABORT	HDW/FUNC
PRELAUNCH:	3/3	RTLS:	3/3
LIFTOFF:	3/3	TAL:	3/3
ONORBIT:	3/3	AOA:	3/3
DEORBIT:	3/3	ATO:	3/3
LANDING/SAFING:	3/3		

REDUNDANCY SCREENS: A [] B [] C []

LOCATION: 40V76A119A1R2
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:
THIS FAILURE WOULD CAUSE THE LOSS OF A SWITCH SCAN MEASUREMENT
THAT IS NON-CRITICAL TO FLIGHT OPERATIONS.

REFERENCES: 76BC6A

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: _____
SUBSYSTEM: EPD&C
MDAC ID: 6709
HIGHEST CRITICALITY HDW/FUNC
FLIGHT: /
ABORT: /

ITEM: DIODE, ISOLATION 35A - MEC 1 & 2 INPUT POWER
FAILURE MODE: FAILS OPEN, SHORTS TO GROUND

LEAD ANALYST: K. SCHMECKPEPER
SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1)
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

FLIGHT PHASE	HDW/FUNC	CRITICALITIES	HDW/FUNC
PRELAUNCH:	/	ABORT	
LIFTOFF:	/	RTLS:	/
ONORBIT:	/	TAL:	/
DEORBIT:	/	AOA:	/
LANDING/SAFING:	/	ATO:	/

REDUNDANCY SCREENS: A [] B [] C []

LOCATION: 54V76A134A2CR45, 55V76A135A2CR45, 56V76A136A2CR45, CR46

PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK, PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:

THESE COMPONENTS WERE NOT ANALYZED BY THE IOA, AS THE SCHEMATICS WERE UNAVAILABLE.

REFERENCES:

INDEPENDENT ORBITER ASSESSMENT
ORBITER SUBSYSTEM ANALYSIS WORKSHEET

DATE: HIGHEST CRITICALITY HDW/FUNC
SUBSYSTEM: EPD&C FLIGHT: /
MDAC ID: 6710 ABORT: /

ITEM: DIODE, ISOLATION 35A - MEC 1 & 2 INPUT POWER
FAILURE MODE: SHORTS

LEAD ANALYST: K. SCHMECKPEPER SUBSYS LEAD: K. SCHMECKPEPER

BREAKDOWN HIERARCHY:

- 1)
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9) 05-6

	CRITICALITIES		
FLIGHT PHASE	HDW/FUNC	ABORT	HDW/FUNC
PRELAUNCH:	/	RTLS:	/
LIFTOFF:	/	TAL:	/
ONORBIT:	/	AOA:	/
DEORBIT:	/	ATO:	/
LANDING/SAFING:	/		

REDUNDANCY SCREENS: A [] B [] C []

LOCATION: 54V76A134A2CR45, 55V76A135A2CR45, 56V76A136A2CR45,
CR46
PART NUMBER:

CAUSES: CONTAMINATION, MECH SHOCK, VIBRATION, THERMAL SHOCK,
PIECE-PART STRUCTURAL FAILURE

EFFECTS/RATIONALE:
THESE COMPONENTS WERE NOT ANALYZED BY THE IOA, AS THE SCHEMATICS
WERE UNAVAILABLE.

REFERENCES:

APPENDIX F

NASA FMEA TO IOA WORKSHEET CROSS REFERENCE/RECOMMENDATIONS

This section provides a cross reference between the NASA FMEA and corresponding IOA analysis worksheet(s) included in Appendix E. The Appendix F identifies: NASA FMEA Number, IOA Assessment Number, NASA criticality and redundancy screen data, and IOA recommendations.

Appendix F Legend

Code Definition

- 0 IOA and NASA had no disagreements.
- 1 IOA concurs with NASA after learning of fuel cell safing procedures.
- 2 IOA concurs with NASA's Screen "B".
- 3 IOA could not assess this FMEA due to time constraints.
- 4 IOA concurs with NASA - IOA had correct analysis but assigned the wrong criticality.
- 5 IOA concurs with NASA after further examination of the circuit.
- 6 NASA redefined the failure mode or combined it with another FMEA.
- 7 IOA concurs with NASA because of concerns on inadvertent powering of the Pre-Flight Test busses.
- 8 IOA concurs with NASA's Screen "A".
- 9 IOA concurs with NASA after learning of alternate Bus Tie procedures.
- 10 IOA concurs with NASA's Screen "C".
- 11 IOA concurs with NASA after learning of emergency functions.
- 12 This component is a Test Point and/or has no connection with Orbiter circuitry.
- 13 IOA recommends that this component be added to the FMEA process for completeness.
- 14 IOA concurs with NASA as IOA did not originally consider single failure bus loss as credible.
- 15 IOA concurs with NASA because of concerns on inadvertent Bus Tie.
- 16 IOA concurs with NASA because of concerns on removing AC power during an AC overvoltage condition.
- 17 IOA concurs with NASA because of concerns on having a "Psychotic" GPC.
- 18 IOA concurs with NASA's view that a circuit breaker "tripping" is not readily detectable.
- 19 This discrepancy was caused by an IOA "typo".
- 20 IOA was unaware of NSTS policy that prohibits supplying payload power directly from fuel cell #3.
- 21 NSTS 22206 revision on the criticality of External Tank.
- 22 This FMEA was altered because of an MCR implementation.

APPENDIX F

NASA FMEA TO IOA WORKSHEET CROSS REFERENCE / RECOMMENDATIONS

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *				
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C	CRIT HW/F	SCREENS A B C	OTHER (SEE LEGEND CODE)	ISSUE		
05-6-200200-1	EPD&C-6671X	3/3		/		0			
05-6-2003-1	EPD&C-5025	2/1R	P P P	/		0			
	EPD&C-5151	2/1R	P P P	/		0			
	EPD&C-5152	2/1R	P P P	/		0			
05-6-2003-2	EPD&C-5026	2/1R	P F P	/		0			
	EPD&C-5150	2/1R	P F P	/		0			
	EPD&C-5153	2/1R	P F P	/		0			
05-6-200300-1	EPD&C-6574	3/3		/		0			
	EPD&C-6575	3/3		/		0			
	EPD&C-6576	3/3		/		0			
	EPD&C-6577	3/3		/		0			
	EPD&C-6630	3/3		/		0			
	EPD&C-6631	3/3		/		0			
	EPD&C-6632	3/3		/		0			
	EPD&C-6633	3/3		/		0			
	EPD&C-6634	3/3		/		0			
	EPD&C-6635	3/3		/		0			
	EPD&C-6636	3/3		/		0			
	EPD&C-6637	3/3		/		0			
	EPD&C-6638	3/3		/		0			
	EPD&C-6639	3/3		/		0			
	EPD&C-6640	3/3		/		0			
	EPD&C-6641	3/3		/		0			
	EPD&C-6642	3/3		/		0			
	EPD&C-6643	3/3		/		0			
	EPD&C-6644	3/3		/		0			
	EPD&C-6645	3/3		/		0			
	EPD&C-6646	3/3		/		0			
	EPD&C-6647	3/3		/		0			
05-6-2004-1	EPD&C-5020	3/1R	P NA P	/		5			
	EPD&C-5148	3/1R	P NA P	/		5			
	EPD&C-5155	3/1R	P NA P	/		5			
05-6-2004-2	EPD&C-5021	3/1R	P NA P	/		5			
	EPD&C-5149	3/1R	P NA P	/		5			
	EPD&C-5154	3/1R	P NA P	/		5			
05-6-200400-1	EPD&C-6672X	3/1R	P P P	/		0			
05-6-200500-1	EPD&C-6673X	3/3		/		0			
05-6-200510-1	EPD&C-6674X	3/3		/		0			
05-6-200520-1	EPD&C-6675X	3/3		/		0			
05-6-200530-1	EPD&C-6676X	3/3		/		0			
05-6-200540-1	EPD&C-6677X	3/3		/		0			
05-6-200550-1	EPD&C-6678X	3/3		/		0			
05-6-200560-1	EPD&C-6679X	3/3		/		0			
05-6-200570-1	EPD&C-6680X	3/3		/		0			
05-6-200580-1	EPD&C-6681X	3/3		/		0			

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IDENTIFIERS		NASA			IOA RECOMMENDATIONS *					ISSUE
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)
05-6-200590-1	EPD&C-6682X	3/3				/				0
05-6-2005A-3	EPD&C-6683X	2/1R	P	P	P	/				0
05-6-2005B-3	EPD&C-6684X	1/1				/				0
05-6-2005C-3	EPD&C-6685X	2/1R	P	P	P	/				0
05-6-2006-1	EPD&C-5085	3/1R	P	F	P	/				0
	EPD&C-5086	3/1R	P	F	P	/				0
	EPD&C-5087	3/1R	P	F	P	/				0
	EPD&C-5091	3/1R	P	F	P	/				0
	EPD&C-5092	3/1R	P	F	P	/				0
	EPD&C-5093	3/1R	P	F	P	/				0
	EPD&C-5208	3/1R	P	F	P	/				0
	EPD&C-5209	3/1R	P	F	P	/				0
	EPD&C-5210	3/1R	P	F	P	/				0
	EPD&C-5214	3/1R	P	F	P	/				0
	EPD&C-5215	3/1R	P	F	P	/				0
	EPD&C-5216	3/1R	P	F	P	/				0
	EPD&C-5422	3/1R	P	F	P	/				0
	EPD&C-5423	3/1R	P	F	P	/				0
05-6-2008A-1	EPD&C-5007	3/1R	P	F	P	/				5
	EPD&C-5008	3/1R	P	F	P	/				5
	EPD&C-5017	3/1R	P	F	P	/				5
	EPD&C-5018	3/1R	P	F	P	/				5
05-6-2008B-1	EPD&C-5125	2/1R	P	F	P	/				10
	EPD&C-5126	2/1R	P	F	P	/				10
	EPD&C-5146	2/1R	P	F	P	/				10
	EPD&C-5147	2/1R	P	F	P	/				10
05-6-2008C-1	EPD&C-5346	3/1R	P	F	P	/				5,10
	EPD&C-5347	3/1R	P	F	P	/				5,10
	EPD&C-5358	3/1R	P	F	P	/				5,10
	EPD&C-5359	3/1R	P	F	P	/				5,10
05-6-2010-1	EPD&C-5106	3/1R	P	P	P	/				2
	EPD&C-5245	3/1R	P	P	P	/				2
	EPD&C-5445	3/1R	P	P	P	/				2
05-6-2011-1	EPD&C-5467	3/1R	P	P	P	/				0
	EPD&C-5469	3/1R	P	P	P	/				0
	EPD&C-5532	3/1R	P	P	P	/				0
	EPD&C-5534	3/1R	P	P	P	/				0
	EPD&C-5636	3/1R	P	P	P	/				0
	EPD&C-5638	3/1R	P	P	P	/				0
	EPD&C-5468	3/3				/				0
05-6-2011-2	EPD&C-5470	3/3				/				0
	EPD&C-5533	3/3				/				0
	EPD&C-5535	3/3				/				0
	EPD&C-5637	3/3				/				0
	EPD&C-5639	3/3				/				0
	EPD&C-6686X	2/1R	P	P	P	/				0
05-6-2015-1	EPD&C-5885	3/1R	P	P	P	/				0
	EPD&C-5889	3/1R	P	P	P	/				0
	EPD&C-5893	3/1R	P	P	P	/				0
	EPD&C-5862	3/1R	P	P	P	/				0

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *						
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS			CRIT HW/F	SCREENS			OTHER (SEE LEGEND CODE)	ISSUE
			A	B	C		A	B	C		
05-6-2015-1	EPD&C-6066	3/1R	P	P	P	/				0	
	EPD&C-6070	3/1R	P	P	P	/				0	
	EPD&C-6242	3/1R	P	P	P	/				0	
	EPD&C-6246	3/1R	P	P	P	/				0	
	EPD&C-6250	3/1R	P	P	P	/				0	
05-6-2015-2	EPD&C-5886	3/3				/				0	
	EPD&C-5890	3/3				/				0	
	EPD&C-5894	3/3				/				0	
	EPD&C-6063	3/3				/				0	
	EPD&C-6067	3/3				/				0	
	EPD&C-6071	3/3				/				0	
	EPD&C-6243	3/3				/				0	
	EPD&C-6247	3/3				/				0	
	EPD&C-6251	3/3				/				0	
	EPD&C-5887	3/1R	P	NA	P	/				2	
05-6-2015-3	EPD&C-5891	3/1R	P	NA	P	/				2	
	EPD&C-5895	3/1R	P	NA	P	/				2	
	EPD&C-6064	3/1R	P	NA	P	/				2	
	EPD&C-6068	3/1R	P	NA	P	/				2	
	EPD&C-6072	3/1R	P	NA	P	/				2	
	EPD&C-6244	3/1R	P	NA	P	/				2	
	EPD&C-6248	3/1R	P	NA	P	/				2	
	EPD&C-6252	3/1R	P	NA	P	/				2	
	EPD&C-5888	2/1R	P	P	P	/				5	
	EPD&C-5892	2/1R	P	P	P	/				5	
05-6-2015-4	EPD&C-5896	2/1R	P	P	P	/				5	
	EPD&C-6065	2/1R	P	P	P	/				5	
	EPD&C-6069	2/1R	P	P	P	/				5	
	EPD&C-6073	2/1R	P	P	P	/				5	
	EPD&C-6245	2/1R	P	P	P	/				5	
	EPD&C-6249	2/1R	P	P	P	/				5	
	EPD&C-6253	2/1R	P	P	P	/				5	
	EPD&C-5888A	2/1R	P	P	P	/				3	
	EPD&C-5892A	2/1R	P	P	P	/				3	
	EPD&C-5896A	2/1R	P	P	P	/				3	
05-6-2015-5	EPD&C-6065A	2/1R	P	P	P	/				3	
	EPD&C-6069A	2/1R	P	P	P	/				3	
	EPD&C-6073A	2/1R	P	P	P	/				3	
	EPD&C-6245A	2/1R	P	P	P	/				3	
	EPD&C-6249A	2/1R	P	P	P	/				3	
	EPD&C-6253A	2/1R	P	P	P	/				3	
	EPD&C-5935	3/1R	P	P	P	/				3	
	EPD&C-5938	3/1R	P	P	P	/				3	
	EPD&C-5939	3/1R	P	P	P	/				3	
	EPD&C-6110	3/1R	P	P	P	/				3	
05-6-2016-1	EPD&C-6112	3/1R	P	P	P	/				3	
	EPD&C-6114	3/1R	P	P	P	/				3	
	EPD&C-6308	3/1R	P	P	P	/				3	
	EPD&C-6310	3/1R	P	P	P	/				3	
	EPD&C-6312	3/1R	P	P	P	/				3	

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IDENTIFIERS		NASA			IOA RECOMMENDATIONS *					ISSUE
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)
05-6-2016-2	EPD&C-5936	3/1R	P	F	P	/				5
	EPD&C-5937	3/1R	P	F	P	/				5
	EPD&C-5940	3/1R	P	F	P	/				5
	EPD&C-6111	3/1R	P	F	P	/				5
	EPD&C-6113	3/1R	P	F	P	/				5
	EPD&C-6115	3/1R	P	F	P	/				5
	EPD&C-6309	3/1R	P	F	P	/				5
	EPD&C-6311	3/1R	P	F	P	/				5
	EPD&C-6313	3/1R	P	F	P	/				5
05-6-2017-1	EPD&C-6687X	2/1R	P	P	P	/				0
05-6-2017-2	EPD&C-6688X	3/1R	P	P	P	/				0
05-6-2048-1	EPD&C-5004	3/3				/				0
	EPD&C-5123	3/3				/				0
	EPD&C-5344	3/3				/				0
05-6-2048-2	EPD&C-5005	3/1R	P	NA	P	/				5
	EPD&C-5124	3/1R	P	NA	P	/				5
	EPD&C-5345	3/1R	P	NA	P	/				5
05-6-205000-1	EPD&C-6689X	3/2R	P	P	P	/				0
05-6-205100-1	EPD&C-6690X	3/3				/				0
05-6-2132-1	EPD&C-6691X	2/1R	P	P	P	/				0
05-6-2139-1	EPD&C-5861	3/1R	P	P	P	/				0
	EPD&C-5863	3/1R	P	P	P	/				0
	EPD&C-5865	3/1R	P	P	P	/				0
	EPD&C-6056	3/1R	P	P	P	/				0
	EPD&C-6058	3/1R	P	P	P	/				0
	EPD&C-6060	3/1R	P	P	P	/				0
	EPD&C-6236	3/1R	P	P	P	/				0
	EPD&C-6239	3/1R	P	P	P	/				0
	EPD&C-6240	3/1R	P	P	P	/				0
05-6-2139-2	EPD&C-5862	3/1R	P	F	P	/				5
	EPD&C-5864	3/1R	P	F	P	/				5
	EPD&C-5866	3/1R	P	F	P	/				5
	EPD&C-6057	3/1R	P	F	P	/				5
	EPD&C-6059	3/1R	P	F	P	/				5
	EPD&C-6061	3/1R	P	F	P	/				5
	EPD&C-6237	3/1R	P	F	P	/				5
	EPD&C-6238	3/1R	P	F	P	/				5
	EPD&C-6241	3/1R	P	F	P	/				5
05-6-2140-1	EPD&C-5334	3/1R	P	NA	P	/				5
05-6-2140-2	EPD&C-5335	2/1R	P	NA	P	/				1
05-6-2141-1	EPD&C-5312	3/1R	P	NA	P	/				5
	EPD&C-5338	3/1R	P	NA	P	/				5
05-6-2141-2	EPD&C-5313	3/3				/				0
	EPD&C-5339	3/3				/				0
05-6-2142-1	EPD&C-5336	1/1				/				6
05-6-2142-2	EPD&C-5337	3/3				/				6
05-6-2143-1	EPD&C-6623A	2/1R	P	P	P	/				5
	EPD&C-6625A	2/1R	P	P	P	/				6
	EPD&C-6627A	2/1R	P	P	P	/				6
	EPD&C-6629A	2/1R	P	P	P	/				6

IDENTIFIERS		NASA			IDA RECOMMENDATIONS *					ISSUE	
NASA FMEA NUMBER	IDA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C				OTHER (SEE LEGEND CODE)
=====											
05-6-2143-2	EPD&C-6623	3/1R	P	P	P	/				2	
	EPD&C-6625	3/1R	P	P	P	/				2	
	EPD&C-6627	3/1R	P	P	P	/				2	
	EPD&C-6629	3/1R	P	P	P	/				2	
05-6-2143-3	EPD&C-6622	3/1R	P	F	P	/				0	
	EPD&C-6624	3/1R	P	F	P	/				0	
	EPD&C-6626	3/1R	P	F	P	/				0	
	EPD&C-6628	3/1R	P	F	P	/				0	
05-6-2143-4	EPD&C-6623B	3/1R	F	F	P	/				6	
	EPD&C-6625B	3/1R	F	F	P	/				6	
	EPD&C-6627B	3/1R	F	F	P	/				6	
	EPD&C-6629B	3/1R	F	F	P	/				6	
05-6-2181-1	EPD&C-5066	3/1R	P	F	P	/				6	
	EPD&C-5068	3/1R	P	F	P	/				6	
	EPD&C-5070	3/1R	P	F	P	/				6	
	EPD&C-5407	3/1R	P	F	P	/				6	
	EPD&C-5410	3/1R	P	F	P	/				6	
	EPD&C-5411	3/1R	P	F	P	/				6	
	EPD&C-6370	3/1R	P	F	P	/				6	
	EPD&C-6373	3/1R	P	F	P	/				6	
05-6-2181-2	EPD&C-6374	3/1R	P	F	P	/				6	
	EPD&C-5067	3/3				/				0	
	EPD&C-5069	3/3				/				0	
	EPD&C-5071	3/3				/				0	
	EPD&C-5408	3/3				/				0	
	EPD&C-5409	3/3				/				0	
	EPD&C-5412	3/3				/				0	
	EPD&C-6371	3/3				/				0	
05-6-2183-1	EPD&C-6372	3/3				/				0	
	EPD&C-6375	3/3				/				0	
	EPD&C-5053	2/1R	P	NA	P	/				1,6	
	EPD&C-5176	2/1R	P	NA	P	/				1,6	
05-6-2183-2	EPD&C-6377	2/1R	P	NA	P	/				1,6	
	EPD&C-5054	3/1R	P	NA	P	/				5	
	EPD&C-5177	3/1R	P	NA	P	/				5	
05-6-2184-1	EPD&C-6376	3/1R	P	NA	P	/				5	
	EPD&C-5056	3/1R	P	NA	P	/				5,6	
	EPD&C-5178	3/1R	P	NA	P	/				5,6	
05-6-2184-2	EPD&C-6378	3/1R	P	NA	P	/				5,6	
	EPD&C-5055	2/1R	P	NA	P	/				1	
	EPD&C-5179	2/1R	P	NA	P	/				1	
05-6-2185-1	EPD&C-6379	2/1R	P	NA	P	/				1	
	EPD&C-5477	3/1R	P	F	P	/				0	
	EPD&C-5484	3/1R	P	F	P	/				0	
05-6-2185-2	EPD&C-5542	3/1R	P	F	P	/				0	
	EPD&C-5549	3/1R	P	F	P	/				0	
	EPD&C-5593	3/1R	P	F	P	/				0	
	EPD&C-5600	3/1R	P	F	P	/				0	
	EPD&C-5478	3/1R	F	F	P	/				1,6	
	EPD&C-5483	3/1R	F	F	P	/				1,6	

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IDENTIFIERS		NASA			IOA RECOMMENDATIONS *					ISSUE
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)
05-6-2185-2	EPD&C-5543	3/1R	F	F	P	/				1,6
	EPD&C-5548	3/1R	F	F	P	/				1,6
	EPD&C-5594	3/1R	F	F	P	/				1,6
	EPD&C-5599	3/1R	F	F	P	/				1,6
05-6-2186-1	EPD&C-5480	3/1R	P	F	P	/				0
	EPD&C-5481	3/1R	P	F	P	/				0
	EPD&C-5545	3/1R	P	F	P	/				0
	EPD&C-5546	3/1R	P	F	P	/				0
	EPD&C-5596	3/1R	P	F	P	/				0
	EPD&C-5597	3/1R	P	F	P	/				0
05-6-2186-2	EPD&C-5479	3/1R	P	F	P	/				1
	EPD&C-5482	3/1R	P	F	P	/				1
	EPD&C-5544	3/1R	P	F	P	/				1
	EPD&C-5547	3/1R	P	F	P	/				1
	EPD&C-5595	3/1R	P	F	P	/				1
	EPD&C-5598	3/1R	P	F	P	/				1
05-6-2186-3	EPD&C-5480A	3/1R	P	P	P	/				0
	EPD&C-5481A	3/1R	P	P	P	/				0
	EPD&C-5545A	3/1R	P	P	P	/				0
	EPD&C-5546A	3/1R	P	P	P	/				0
	EPD&C-5596A	3/1R	P	P	P	/				0
	EPD&C-5597A	3/1R	P	P	P	/				0
05-6-2187-1	EPD&C-5463	3/1R	P	P	P	/				0
	EPD&C-5473	3/1R	P	P	P	/				0
	EPD&C-5529	3/1R	P	P	P	/				0
	EPD&C-5538	3/1R	P	P	P	/				0
	EPD&C-5631	3/1R	P	P	P	/				0
	EPD&C-5645	3/1R	P	P	P	/				0
05-6-2187-2	EPD&C-5464	3/3				/				0
	EPD&C-5474	3/3				/				0
	EPD&C-5528	3/3				/				0
	EPD&C-5539	3/3				/				0
	EPD&C-5630	3/3				/				0
	EPD&C-5644	3/3				/				0
05-6-2188-1	EPD&C-5466	3/3				/				0
	EPD&C-5476	3/3				/				0
	EPD&C-5526	3/3				/				0
	EPD&C-5541	3/3				/				0
	EPD&C-5532	3/3				/				0
	EPD&C-5642	3/3				/				0
05-6-2188-2	EPD&C-5465	3/1R	F	F	P	/				1
	EPD&C-5475	3/1R	F	F	P	/				1
	EPD&C-5527	3/1R	F	F	P	/				1
	EPD&C-5540	3/1R	F	F	P	/				1
	EPD&C-5633	3/1R	F	F	P	/				1
	EPD&C-5643	3/1R	F	F	P	/				1
05-6-2191-1	EPD&C-5502	3/3				/				0
	EPD&C-5505	3/3				/				0
	EPD&C-5567	3/3				/				0
	EPD&C-5570	3/3				/				0

IDENTIFIERS		NASA			IOA RECOMMENDATIONS †						
NASA	IOA	CRIT	SCREENS			CRIT	SCREENS			OTHER	ISSUE
FMEA NUMBER	ASSESSMENT NUMBER	HW/F	A	B	C	HW/F	A	B	C	(SEE LEGEND CODE)	
05-6-2191-1	EPD&C-5617	3/3				/				0	
	EPD&C-5618	3/3				/				0	
05-6-2191-2	EPD&C-5503	3/1R	F	F	P	/				7	
	EPD&C-5504	3/1R	F	F	P	/				7	
	EPD&C-5560	3/1R	F	F	P	/				7	
	EPD&C-5569	3/1R	F	F	P	/				7	
	EPD&C-5616	3/1R	F	F	P	/				7	
	EPD&C-5619	3/1R	F	F	P	/				7	
05-6-2191-3	EPD&C-5502A	3/1R	P	F	P	/				0	
	EPD&C-5505A	3/1R	P	F	P	/				0	
	EPD&C-5567A	3/1R	P	F	P	/				0	
	EPD&C-5570A	3/1R	P	F	P	/				0	
	EPD&C-5617A	3/1R	P	F	P	/				0	
	EPD&C-5618A	3/1R	P	F	P	/				0	
05-6-2192-1	EPD&C-6421	3/3				/				0	
	EPD&C-6422	3/3				/				0	
	EPD&C-6423	3/3				/				0	
	EPD&C-6424	3/3				/				0	
	EPD&C-6425	3/3				/				0	
	EPD&C-6426	3/3				/				0	
	EPD&C-6427	3/3				/				0	
	EPD&C-6428	3/3				/				0	
	EPD&C-6429	3/3				/				0	
05-6-2192-2	EPD&C-6412	3/3				/				0	
	EPD&C-6413	3/3				/				0	
	EPD&C-6414	3/3				/				0	
	EPD&C-6415	3/3				/				0	
	EPD&C-6416	3/3				/				0	
	EPD&C-6417	3/3				/				0	
	EPD&C-6418	3/3				/				0	
	EPD&C-6419	3/3				/				0	
	EPD&C-6420	3/3				/				0	
05-6-2193-1	EPD&C-6448	3/3				/				0	
	EPD&C-6449	3/3				/				0	
	EPD&C-6450	3/3				/				0	
	EPD&C-6451	3/3				/				0	
	EPD&C-6452	3/3				/				0	
	EPD&C-6453	3/3				/				0	
	EPD&C-6454	3/3				/				0	
	EPD&C-6455	3/3				/				0	
	EPD&C-6456	3/3				/				0	
05-6-2193-2	EPD&C-6457	3/3				/				0	
	EPD&C-6458	3/3				/				0	
	EPD&C-6459	3/3				/				0	
	EPD&C-6460	3/3				/				0	
	EPD&C-6461	3/3				/				0	
	EPD&C-6462	3/3				/				0	
	EPD&C-6463	3/3				/				0	
	EPD&C-6464	3/3				/				0	
	EPD&C-6465	3/3				/				0	

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *					ISSUE
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)
05-6-2195-1	EPD&C-5907	3/3				/				0
	EPD&C-5910	3/3				/				0
	EPD&C-5911	3/3				/				0
	EPD&C-5914	3/3				/				0
	EPD&C-5915	3/3				/				0
	EPD&C-5918	3/3				/				0
	EPD&C-6086	3/3				/				0
	EPD&C-6089	3/3				/				0
	EPD&C-6090	3/3				/				0
	EPD&C-6093	3/3				/				0
	EPD&C-6094	3/3				/				0
	EPD&C-6097	3/3				/				0
	EPD&C-6266	3/3				/				0
	EPD&C-6268	3/3				/				0
	EPD&C-6270	3/3				/				0
	EPD&C-6272	3/3				/				0
	EPD&C-6274	3/3				/				0
	EPD&C-6276	3/3				/				0
05-6-2195-2	EPD&C-5908	3/1R	P	NA	P	/				7
	EPD&C-5909	3/1R	P	NA	P	/				7
	EPD&C-5912	3/1R	P	NA	P	/				7
	EPD&C-5913	3/1R	P	NA	P	/				2,7,8
	EPD&C-5916	3/1R	P	NA	P	/				2,7,8
	EPD&C-5917	3/1R	P	NA	P	/				2,7,8
	EPD&C-6087	3/1R	P	NA	P	/				7
	EPD&C-6088	3/1R	P	NA	P	/				7
	EPD&C-6091	3/1R	P	NA	P	/				7
	EPD&C-6092	3/1R	P	NA	P	/				2,7,8
	EPD&C-6095	3/1R	P	NA	P	/				2,7,8
	EPD&C-6096	3/1R	P	NA	P	/				2,7,8
	EPD&C-6267	3/1R	P	NA	P	/				7
	EPD&C-6269	3/1R	P	NA	P	/				7
	EPD&C-6271	3/1R	P	NA	P	/				7
	EPD&C-6273	3/1R	P	NA	P	/				2,7,8
	EPD&C-6275	3/1R	P	NA	P	/				2,7,8
	EPD&C-6277	3/1R	P	NA	P	/				2,7,8
05-6-2197-1	EPD&C-5693	3/1R	P	F	P	/				0
	EPD&C-5696	3/1R	P	F	P	/				0
	EPD&C-5697	3/1R	P	F	P	/				0
	EPD&C-5700	3/1R	P	F	P	/				0
	EPD&C-5701	3/1R	P	F	P	/				0
	EPD&C-5704	3/1R	P	F	P	/				0
	EPD&C-5739	3/1R	P	F	P	/				0
	EPD&C-5742	3/1R	P	F	P	/				0
	EPD&C-5743	3/1R	P	F	P	/				0
	EPD&C-5746	3/1R	P	F	P	/				0
	EPD&C-5747	3/1R	P	F	P	/				0
	EPD&C-5750	3/1R	P	F	P	/				0
	EPD&C-5769	3/1R	P	F	P	/				0
	EPD&C-5772	3/1R	P	F	P	/				0

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *					OTHER (SEE LEGEND CODE)	ISSUE
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C				
05-6-2197-1	EPD&C-5773	3/1R	P	F	P	/				0	
	EPD&C-5776	3/1R	P	F	P	/				0	
	EPD&C-5777	3/1R	P	F	P	/				0	
	EPD&C-5780	3/1R	P	F	P	/				0	
05-6-2197-2	EPD&C-5694	2/1R	P	F	P	/				14	
	EPD&C-5695	2/1R	P	F	P	/				14	
	EPD&C-5698	2/1R	P	F	P	/				14	
	EPD&C-5699	2/1R	P	F	P	/				14	
	EPD&C-5702	2/1R	P	F	P	/				14	
	EPD&C-5703	2/1R	P	F	P	/				14	
	EPD&C-5740	2/1R	P	F	P	/				14	
	EPD&C-5741	2/1R	P	F	P	/				14	
	EPD&C-5744	2/1R	P	F	P	/				14	
	EPD&C-5745	2/1R	P	F	P	/				14	
	EPD&C-5748	2/1R	P	F	P	/				14	
	EPD&C-5749	2/1R	P	F	P	/				14	
	EPD&C-5770	2/1R	P	F	P	/				14	
	EPD&C-5771	2/1R	P	F	P	/				14	
	EPD&C-5774	2/1R	P	F	P	/				14	
	EPD&C-5775	2/1R	P	F	P	/				14	
	EPD&C-5778	2/1R	P	F	P	/				14	
	EPD&C-5779	2/1R	P	F	P	/				14	
05-6-2197-3	EPD&C-5693A	3/1R	P	P	P	/				0	
	EPD&C-5696A	3/1R	P	P	P	/				0	
	EPD&C-5697A	3/1R	P	P	P	/				0	
	EPD&C-5700A	3/1R	P	P	P	/				0	
	EPD&C-5701A	3/1R	P	P	P	/				0	
	EPD&C-5704A	3/1R	P	P	P	/				0	
	EPD&C-5739A	3/1R	P	P	P	/				0	
	EPD&C-5742A	3/1R	P	P	P	/				0	
	EPD&C-5743A	3/1R	P	P	P	/				0	
	EPD&C-5746A	3/1R	P	P	P	/				0	
	EPD&C-5747A	3/1R	P	P	P	/				0	
	EPD&C-5750A	3/1R	P	P	P	/				0	
	EPD&C-5769A	3/1R	P	P	P	/				0	
	EPD&C-5772A	3/1R	P	P	P	/				0	
	EPD&C-5773A	3/1R	P	P	P	/				0	
	EPD&C-5776A	3/1R	P	P	P	/				0	
	EPD&C-5777A	3/1R	P	P	P	/				0	
	EPD&C-5780A	3/1R	P	P	P	/				0	
05-6-2199-1	EPD&C-5873	3/3				/				0	
	EPD&C-5874	3/3				/				0	
	EPD&C-5875	3/3				/				0	
	EPD&C-5876	3/3				/				0	
	EPD&C-5877	3/3				/				0	
	EPD&C-5878	3/3				/				0	
	EPD&C-6038	3/3				/				0	
	EPD&C-6039	3/3				/				0	
	EPD&C-6040	3/3				/				0	
	EPD&C-6041	3/3				/				0	

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *					ISSUE
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)
05-6-2199-1	EPD&C-6042	3/3				/				0
	EPD&C-6043	3/3				/				0
	EPD&C-6215	3/3				/				0
	EPD&C-6216	3/3				/				0
	EPD&C-6217	3/3				/				0
	EPD&C-6218	3/3				/				0
	EPD&C-6219	3/3				/				0
	EPD&C-6220	3/3				/				0
05-6-2200-1	EPD&C-6044	3/3				/				0
	EPD&C-6045	3/3				/				0
	EPD&C-6046	3/3				/				0
	EPD&C-6047	3/3				/				0
	EPD&C-6048	3/3				/				0
	EPD&C-6049	3/3				/				0
	EPD&C-6221	3/3				/				0
	EPD&C-6222	3/3				/				0
	EPD&C-6223	3/3				/				0
	EPD&C-6224	3/3				/				0
	EPD&C-6225	3/3				/				0
	EPD&C-6226	3/3				/				0
	EPD&C-6380	3/3				/				0
	EPD&C-6381	3/3				/				0
	EPD&C-6382	3/3				/				0
	EPD&C-6383	3/3				/				0
05-6-2201-1	EPD&C-6384	3/3				/				0
	EPD&C-6385	3/3				/				0
	EPD&C-6430	3/3				/				0
	EPD&C-6431	3/3				/				0
	EPD&C-6432	3/3				/				0
	EPD&C-6433	3/3				/				0
	EPD&C-6434	3/3				/				0
	EPD&C-6435	3/3				/				0
	EPD&C-6436	3/3				/				0
	EPD&C-6437	3/3				/				0
05-6-2201-2	EPD&C-6438	3/3				/				0
	EPD&C-6439	3/1R	P	NA	P	/				19
	EPD&C-6440	3/1R	P	NA	P	/				19
	EPD&C-6441	3/1R	P	NA	P	/				19
	EPD&C-6442	3/1R	P	NA	P	/				19
	EPD&C-6443	3/1R	P	NA	P	/				19
	EPD&C-6444	3/1R	P	NA	P	/				19
	EPD&C-6445	3/1R	P	NA	P	/				19
05-6-2202-1	EPD&C-6446	3/1R	P	NA	P	/				19
	EPD&C-6447	3/1R	P	NA	P	/				19
	EPD&C-6394	3/1R	P	NA	P	/				16
	EPD&C-6395	3/1R	P	NA	P	/				16
	EPD&C-6396	3/1R	P	NA	P	/				16
	EPD&C-6397	3/1R	P	NA	P	/				16
	EPD&C-6398	3/1R	P	NA	P	/				16
	EPD&C-6399	3/1R	P	NA	P	/				16

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IDENTIFIERS		NASA			IOA RECOMMENDATIONS *						
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)	ISSUE
05-6-2202-1	EPD&C-6400	3/1R	P	NA	P	/				16	
	EPD&C-6401	3/1R	P	NA	P	/				16	
	EPD&C-6402	3/1R	P	NA	P	/				16	
05-6-2202-2	EPD&C-6403	3/3				/				0	
	EPD&C-6404	3/3				/				0	
	EPD&C-6405	3/3				/				0	
	EPD&C-6406	3/3				/				0	
	EPD&C-6407	3/3				/				0	
	EPD&C-6408	3/3				/				0	
	EPD&C-6409	3/3				/				0	
	EPD&C-6410	3/3				/				0	
	EPD&C-6411	3/3				/				0	
05-6-2204-1	EPD&C-5919	3/1R	P	NA	P	/				16	
	EPD&C-5922	3/1R	P	NA	P	/				16	
	EPD&C-5923	3/1R	P	NA	P	/				16	
	EPD&C-6098	3/1R	P	NA	P	/				16	
	EPD&C-6101	3/1R	P	NA	P	/				16	
	EPD&C-6102	3/1R	P	NA	P	/				16	
	EPD&C-6278	3/1R	P	NA	P	/				16	
	EPD&C-6280	3/1R	P	NA	P	/				16	
	EPD&C-6282	3/1R	P	NA	P	/				16	
05-6-2204-2	EPD&C-5920	3/3				/				0	
	EPD&C-5921	3/3				/				0	
	EPD&C-5924	3/3				/				0	
	EPD&C-6099	3/3				/				0	
	EPD&C-6100	3/3				/				0	
	EPD&C-6103	3/3				/				0	
	EPD&C-6279	3/3				/				0	
	EPD&C-6281	3/3				/				0	
	EPD&C-6283	3/3				/				0	
05-6-2205-1	EPD&C-5274	3/2R	P	NA	P	/				2	
	EPD&C-5277	3/2R	P	NA	P	/				2	
	EPD&C-5278	3/2R	P	NA	P	/				2	
	EPD&C-5281	3/2R	P	NA	P	/				2	
	EPD&C-5282	3/2R	P	NA	P	/				2	
	EPD&C-5285	3/2R	P	NA	P	/				2	
05-6-2205-2	EPD&C-5275	3/3				/				5	
	EPD&C-5276	3/3				/				5	
	EPD&C-5279	3/3				/				5	
	EPD&C-5280	3/3				/				5	
	EPD&C-5283	3/3				/				5	
	EPD&C-5284	3/3				/				5	
05-6-2207-1	EPD&C-5039	3/3				/				0	
	EPD&C-5041	3/3				/				0	
	EPD&C-5043	3/3				/				0	
	EPD&C-5045	3/1R	P	NA	P	/				1	
	EPD&C-5164	3/3				/				0	
	EPD&C-5166	3/3				/				0	
	EPD&C-5168	3/3				/				0	
	EPD&C-5170	3/1R	P	NA	P	/				1	

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *					ISSUE	
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)	
05-6-2207-1	EPD&C-5387	3/3				/				0	
	EPD&C-5390	3/3				/				0	
	EPD&C-5391	3/3				/				0	
	EPD&C-5394	3/1R	P	NA	P	/				1	
05-6-2207-2	EPD&C-5040	3/1R	P	NA	P	/				7	
	EPD&C-5042	3/1R	P	NA	P	/				7	
	EPD&C-5044	3/1R	P	NA	P	/				7	
	EPD&C-5046	3/1R	P	NA	P	/				7	
	EPD&C-5165	3/1R	P	NA	P	/				7	
	EPD&C-5167	3/1R	P	NA	P	/				7	
	EPD&C-5169	3/1R	P	NA	P	/				7	
	EPD&C-5171	3/1R	P	NA	P	/				7	
	EPD&C-5388	3/1R	P	NA	P	/				7	
	EPD&C-5389	3/1R	P	NA	P	/				7	
	EPD&C-5392	3/1R	P	NA	P	/				7	
	EPD&C-5393	3/1R	P	NA	P	/				7	
	05-6-2207-3	EPD&C-5039A	3/1R	P	NA	P	/				0
		EPD&C-5041A	3/1R	P	NA	P	/				0
EPD&C-5043A		3/1R	P	NA	P	/				0	
EPD&C-5045A		3/1R	P	NA	P	/				0	
EPD&C-5164A		3/1R	P	NA	P	/				0	
EPD&C-5166A		3/1R	P	NA	P	/				0	
EPD&C-5168A		3/1R	P	NA	P	/				0	
EPD&C-5170A		3/1R	P	NA	P	/				0	
EPD&C-5387A		3/1R	P	NA	P	/				0	
EPD&C-5390A		3/1R	P	NA	P	/				0	
EPD&C-5391A		3/1R	P	NA	P	/				0	
EPD&C-5394A		3/1R	P	NA	P	/				0	
05-6-2208-1		EPD&C-5330	3/1R	F	NA	P	/				2,8
		EPD&C-5333	3/1R	F	NA	P	/				2,8
05-6-2208-2	EPD&C-5331	3/3				/				0	
	EPD&C-5332	3/3				/				0	
05-6-2209-1	EPD&C-5296	3/1R	P	NA	P	/				2	
	EPD&C-5301	3/1R	P	NA	P	/				2	
05-6-2209-2	EPD&C-5299	3/1R	P	NA	P	/				1,6	
	EPD&C-5300	3/1R	P	NA	P	/				1,6	
05-6-2210-1	EPD&C-5302	3/3				/				20	
05-6-2210-2	EPD&C-5303	3/1R	P	NA	P	/				1,6	
05-6-2211-1	EPD&C-5049	2/1R	P	NA	P	/				1,6	
	EPD&C-5182	2/1R	P	NA	P	/				1,6	
	EPD&C-5371	2/1R	P	NA	P	/				1,6	
	EPD&C-5050	2/1R	P	P	P	/				6	
05-6-2211-3	EPD&C-5183	2/1R	P	P	P	/				6	
	EPD&C-5372	2/1R	P	P	P	/				6	
	EPD&C-5047	3/1R	P	NA	P	/				6	
05-6-2212-1	EPD&C-5180	3/1R	P	NA	P	/				6	
	EPD&C-5369	3/1R	P	NA	P	/				6	
	EPD&C-5047A	2/1R	P	NA	P	/				0	
05-6-2212-2	EPD&C-5180A	2/1R	P	NA	P	/				0	
	EPD&C-5369A	2/1R	P	NA	P	/				0	

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *						
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)	ISSUE
05-6-2212-3	EPD&C-5048	3/1R	P	NA	P	/				6	
	EPD&C-5181	3/1R	P	NA	P	/				6	
	EPD&C-5370	3/1R	P	NA	P	/				6	
05-6-2213-1	EPD&C-5459	3/1R	P	F	P	/				1,2,6	
	EPD&C-5524	3/1R	P	F	P	/				1,2,6	
	EPD&C-5622	3/1R	P	F	P	/				1,2,6	
05-6-2213-2	EPD&C-5459A	2/1R	P	P	P	/				0	
	EPD&C-5524A	2/1R	P	P	P	/				0	
	EPD&C-5622A	2/1R	P	P	P	/				0	
05-6-2213-3	EPD&C-5458	3/3				/				0	
	EPD&C-5525	3/3				/				0	
	EPD&C-5623	3/3				/				0	
05-6-2214-1	EPD&C-5455	3/1R	P	F	P	/				0	
	EPD&C-5518	3/1R	P	F	P	/				0	
	EPD&C-5628	3/1R	P	F	P	/				0	
05-6-2214-2	EPD&C-5455A	2/1R	P	P	P	/				0	
	EPD&C-5518A	2/1R	P	P	P	/				0	
	EPD&C-5628A	2/1R	P	P	P	/				0	
05-6-2214-3	EPD&C-5454	3/3				/				0	
	EPD&C-5519	3/3				/				0	
	EPD&C-5629	3/3				/				0	
05-6-2215-1	EPD&C-5837	3/1R	P	NA	P	/				6	
	EPD&C-6002	3/1R	P	NA	P	/				6	
	EPD&C-6183	3/1R	P	NA	P	/				6	
05-6-2215-2	EPD&C-5838	3/1R	P	NA	P	/				6	
	EPD&C-6003	3/1R	P	NA	P	/				6	
	EPD&C-6182	3/1R	P	NA	P	/				6	
05-6-2215-3	EPD&C-5837A	3/1R	P	NA	P	/				0	
	EPD&C-6002A	3/1R	P	NA	P	/				0	
	EPD&C-6183A	3/1R	P	NA	P	/				0	
05-6-2216-1	EPD&C-5897	3/1R	P	NA	P	/				2,6	
	EPD&C-6080	3/1R	P	NA	P	/				2,6	
	EPD&C-6258	3/1R	P	NA	P	/				2,6	
05-6-2216-2	EPD&C-5898	3/1R	P	NA	P	/				2,6	
	EPD&C-6081	3/1R	P	NA	P	/				2,6	
	EPD&C-6259	3/1R	P	NA	P	/				2,6	
05-6-2217-1	EPD&C-6466A	3/3				/				0	
05-6-2217-2	EPD&C-6466	3/3				/				0	
05-6-2221-1	EPD&C-6467	3/3				/				0	
05-6-2223-1	EPD&C-5931	3/1R	P	P	P	/				6	
	EPD&C-6084	3/1R	P	P	P	/				6	
	EPD&C-6260	3/1R	P	P	P	/				6	
05-6-2223-2	EPD&C-5932	3/1R	P	P	P	/				6	
	EPD&C-6085	3/1R	P	P	P	/				6	
	EPD&C-6261	3/1R	P	P	P	/				6	
05-6-2223-3	EPD&C-5931A	3/1R	P	P	P	/				0	
	EPD&C-6084A	3/1R	P	P	P	/				0	
	EPD&C-6260A	3/1R	P	P	P	/				0	
05-6-2225-1	EPD&C-5072	3/3				/				0	
	EPD&C-5073	3/3				/				0	

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *					ISSUE
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)
05-6-2225-1	EPD&C-5074	3/3				/				0
	EPD&C-5075	3/3				/				0
	EPD&C-5201	3/3				/				0
	EPD&C-5202	3/3				/				0
	EPD&C-5203	3/3				/				0
	EPD&C-5204	3/3				/				0
	EPD&C-5413	3/3				/				0
	EPD&C-5414	3/3				/				0
	EPD&C-5415	3/3				/				0
	EPD&C-5416	3/3				/				0
	EPD&C-5417	3/3				/				0
	EPD&C-5418	3/3				/				0
05-6-2226-1	EPD&C-5308	3/1R	P	NA	P	/				6
05-6-2226-2	EPD&C-5309	2/1R	P	P	P	/				6
05-6-2226-3	EPD&C-5308A	2/1R	P	NA	P	/				0
05-6-2227-1	EPD&C-5306	3/1R	P	NA	P	/				6
	EPD&C-5310	3/1R	P	NA	P	/				6
05-6-2227-2	EPD&C-5307	3/3				/				6
	EPD&C-5311	3/3				/				6
05-6-2227-3	EPD&C-5306A	2/1R	P	NA	P	/				0
	EPD&C-5310A	2/1R	P	NA	P	/				0
05-6-2228-1	EPD&C-5184	3/2R	P	P	P	/				6
	EPD&C-5373	3/2R	P	P	P	/				6
05-6-2228-2	EPD&C-5185	3/3				/				6
	EPD&C-5374	3/3				/				6
05-6-2228-3	EPD&C-5184A	2/1R	P	NA	P	/				6
	EPD&C-5373A	2/1R	P	NA	P	/				6
05-6-2230-1	EPD&C-5677	3/1R	P	P	P	/				0
	EPD&C-5679	3/1R	P	P	P	/				0
	EPD&C-5681	3/1R	P	P	P	/				0
05-6-2230-2	EPD&C-5678	3/3				/				0
	EPD&C-5680	3/3				/				0
	EPD&C-5682	3/3				/				0
05-6-2231-1	EPD&C-6357	2/1R	P	P	P	/				5.6
	EPD&C-6359	2/1R	P	P	P	/				5.6
05-6-2231-2	EPD&C-6356	3/3				/				5
	EPD&C-6358	3/3				/				5
05-6-2232-1	EPD&C-5960	3/3				/				0
	EPD&C-5961	3/3				/				0
	EPD&C-5962	3/3				/				0
	EPD&C-5963	3/3				/				0
	EPD&C-6318	3/3				/				0
	EPD&C-6319	3/3				/				0
	EPD&C-6320	3/3				/				0
	EPD&C-6321	3/3				/				0
	EPD&C-6260	2/2				/				5.6
05-6-2233-2	EPD&C-5259	3/2R	P	NA	P	/				5.6
05-6-2234-1	EPD&C-5256	2/2				/				5.6
05-6-2234-2	EPD&C-5257	3/3				/				6
05-6-2235-1	EPD&C-6648	3/1R	P	NA	P	/				10

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *					ISSUE	
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C				OTHER (SEE LEGEND CODE)
05-6-2235-2	EPD&C-6649	2/1R	P	NA	P	/				5	
05-6-2236-1	EPD&C-6650	3/1R	P	NA	P	/				10	
05-6-2236-2	EPD&C-6651	1/1				/				0	
05-6-2237-1	EPD&C-6652	2/1R	P	P	P	/				4	
05-6-2237-2	EPD&C-6653	3/1R	P	NA	P	/				10	
05-6-2237-3	EPD&C-6654	/				/				6	
05-6-2238-1	EPD&C-6655	1/1				/				6	
05-6-2238-2	EPD&C-6656	3/1R	P	P	P	/				5	
05-6-2238-3	EPD&C-6657	/				/				6	
05-6-2239-1	EPD&C-6692X	3/3				/				0	
05-6-2240-1	EPD&C-5318	3/3				/				22	
05-6-2240-2	EPD&C-5318A	2/1R	P	NA	P	/				22	
05-6-2240-3	EPD&C-5319	3/3				/				22	
05-6-2241-1	EPD&C-5051	3/1R	P	NA	P	/				2	
	EPD&C-5174	3/1R	P	NA	P	/				2	
	EPD&C-5367	3/1R	P	NA	P	/				2	
05-6-2241-2	EPD&C-5052	3/3				/				0	
	EPD&C-5175	3/3				/				0	
	EPD&C-5368	3/3				/				0	
05-6-2242-1	EPD&C-5028	3/1R	P	P	P	/				2	
	EPD&C-5139	3/1R	P	P	P	/				2	
	EPD&C-5364	3/1R	P	P	P	/				2	
05-6-2243-1	EPD&C-5189	3/3				/				0	
	EPD&C-5378	3/3				/				0	
05-6-2245-1	EPD&C-5831	3/1R	P	NA	P	/				2	
	EPD&C-5833	3/1R	P	NA	P	/				2	
	EPD&C-5835	3/1R	P	NA	P	/				2	
	EPD&C-5996	3/1R	P	NA	P	/				2	
	EPD&C-5998	3/1R	P	NA	P	/				2	
	EPD&C-6000	3/1R	P	NA	P	/				2	
	EPD&C-6176	3/1R	P	NA	P	/				2	
	EPD&C-6179	3/1R	P	NA	P	/				2	
	EPD&C-6180	3/1R	P	NA	P	/				2	
05-6-2245-2	EPD&C-5832	3/1R	P	NA	P	/				5	
	EPD&C-5834	3/1R	P	NA	P	/				5	
	EPD&C-5836	3/1R	P	NA	P	/				5	
	EPD&C-5997	3/1R	P	NA	P	/				5	
	EPD&C-5999	3/1R	P	NA	P	/				5	
	EPD&C-6001	3/1R	P	NA	P	/				5	
	EPD&C-6177	3/1R	P	NA	P	/				5	
	EPD&C-6178	3/1R	P	NA	P	/				5	
	EPD&C-6181	3/1R	P	NA	P	/				5	
05-6-2247-1	EPD&C-5078	3/3				/				0	
	EPD&C-5079	3/3				/				0	
	EPD&C-5197	3/3				/				0	
	EPD&C-5198	3/3				/				0	
	EPD&C-5403	3/3				/				0	
	EPD&C-5404	3/3				/				0	
05-6-2253-1	EPD&C-5029	3/3				/				0	
	EPD&C-5137	3/3				/				0	

IDENTIFIERS		NASA			IDA RECOMMENDATIONS *						
NASA FMEA NUMBER	IDA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)	ISSUE
05-6-2253-1	EPD&C-5366	3/3				/				0	
05-6-2255-1	EPD&C-5019	3/3				/				0	
	EPD&C-5145	3/3				/				0	
	EPD&C-5360	3/3				/				0	
	EPD&C-5488	3/3				/				0	
05-6-2256-1	EPD&C-5553	3/3				/				0	
	EPD&C-5604	3/3				/				0	
	EPD&C-5009	3/3				/				0	
	EPD&C-5127	3/3				/				0	
05-6-2257-1	EPD&C-5348	3/3				/				0	
	EPD&C-5944	3/3				/				0	
	EPD&C-5945	3/3				/				0	
	EPD&C-5946	3/3				/				0	
05-6-2259-1	EPD&C-6107	3/3				/				0	
	EPD&C-6108	3/3				/				0	
	EPD&C-6109	3/3				/				0	
	EPD&C-6305	3/3				/				0	
	EPD&C-6306	3/3				/				0	
	EPD&C-6307	3/3				/				0	
	EPD&C-5022	3/1R	P	NA	P	/				2	
	EPD&C-5023	3/1R	P	NA	P	/				2	
	EPD&C-5024	3/1R	P	NA	P	/				2	
	EPD&C-5140	3/1R	P	NA	P	/				2	
05-6-2261-1	EPD&C-5141	3/1R	P	NA	P	/				2	
	EPD&C-5142	3/1R	P	NA	P	/				2	
	EPD&C-5143	3/1R	P	NA	P	/				2	
	EPD&C-5144	3/1R	P	NA	P	/				2	
	EPD&C-5361	3/1R	P	NA	P	/				2	
	EPD&C-5362	3/1R	P	NA	P	/				2	
	EPD&C-5080	3/1R	P	F	P	/				18	
	EPD&C-5199	3/1R	P	F	P	/				18	
	EPD&C-5406	3/1R	P	F	P	/				18	
	05-6-2261-2	EPD&C-5081	3/3				/				0
EPD&C-5200		3/3				/				0	
EPD&C-5405		3/3				/				0	
EPD&C-5790		3/1R	P	F	P	/				0	
05-6-2262-1	EPD&C-5791	3/1R	P	F	P	/				0	
	EPD&C-5792	3/1R	P	F	P	/				0	
	EPD&C-5793	3/1R	P	F	P	/				0	
	EPD&C-5794	3/1R	P	F	P	/				0	
	EPD&C-5795	3/1R	P	F	P	/				0	
	EPD&C-5796	3/1R	P	F	P	/				0	
	EPD&C-5797	3/1R	P	F	P	/				0	
	EPD&C-5798	3/1R	P	F	P	/				0	
	EPD&C-5057	2/1R	P	F	P	/				1,18	
	05-6-2263-1	EPD&C-5076	2/1R	P	F	P	/				1,18
EPD&C-5172		2/1R	P	F	P	/				1,18	
EPD&C-5058		3/3				/				0	
05-6-2263-2	EPD&C-5077	3/3				/				0	
	EPD&C-5173	3/3				/				0	

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *						ISSUE
NASA	IOA	CRIT	SCREENS			CRIT	SCREENS			OTHER (SEE LEGEND CODE)	
FMEA NUMBER	ASSESSMENT NUMBER		HW/F	A	B		C	HW/F	A			B	C
05-6-2264-1	EPD&C-5941	3/1R	P	P	P	/				2	
	EPD&C-5942	3/1R	P	P	P	/				2	
	EPD&C-5943	3/1R	P	P	P	/				2	
	EPD&C-6104	3/1R	P	P	P	/				2	
	EPD&C-6105	3/1R	P	P	P	/				2	
	EPD&C-6106	3/1R	P	P	P	/				2	
	EPD&C-6302	3/1R	P	P	P	/				2	
	EPD&C-6303	3/1R	P	P	P	/				2	
	EPD&C-6304	3/1R	P	P	P	/				2	
05-6-2265-1	EPD&C-5934	3/1R	P	P	P	/				0	
	EPD&C-6003	3/1R	P	P	P	/				0	
	EPD&C-6262	3/1R	P	P	P	/				0	
05-6-2265-2	EPD&C-5933	3/1R	P	F	P	/				2	
	EPD&C-6002	3/1R	P	F	P	/				2	
	EPD&C-6263	3/1R	P	F	P	/				2	
05-6-2270-1	EPD&C-5027	3/3				/				0	
	EPD&C-5138	3/3				/				0	
	EPD&C-5365	3/3				/				0	
05-6-2271-1	EPD&C-5646	3/3				/				0	
	EPD&C-5658	3/3				/				0	
05-6-2272-1	EPD&C-5647	3/3				/				0	
	EPD&C-5656	3/3				/				0	
	EPD&C-5657	3/3				/				0	
05-6-2273-1	EPD&C-5649	3/3				/				0	
	EPD&C-5650	3/3				/				0	
	EPD&C-5651	3/3				/				0	
	EPD&C-5652	3/3				/				0	
	EPD&C-5653	3/3				/				0	
	EPD&C-5655	3/3				/				0	
05-6-2274-1	EPD&C-5648	3/3				/				0	
	EPD&C-5654	3/3				/				0	
05-6-2275-1	EPD&C-5494	3/1R	P	NA	P	/				2	
	EPD&C-5558	2/1R	P	NA	P	/				2	
	EPD&C-5609	3/1R	P	NA	P	/				2	
05-6-2276-1	EPD&C-5492	2/1R	P	P	P	/				1	
	EPD&C-5557	2/1R	P	P	P	/				1	
	EPD&C-5608	2/1R	P	P	P	/				1	
05-6-2278-1	EPD&C-5059	3/1R	P	F	P	/				3	
	EPD&C-5060	2/1R	P	F	P	/				11	
	EPD&C-5061	2/1R	P	F	P	/				11	
	EPD&C-5062	2/1R	P	F	P	/				11	
	EPD&C-5190	2/1R	P	F	P	/				11	
	EPD&C-5191	2/1R	P	F	P	/				11	
	EPD&C-5195	2/1R	P	F	P	/				11	
	EPD&C-5196	2/1R	P	F	P	/				11	
	EPD&C-5395	2/1R	P	F	P	/				11	
	EPD&C-5396	2/1R	P	F	P	/				11	
	EPD&C-5401	3/1R	P	F	P	/				0	
	EPD&C-5402	2/1R	P	F	P	/				11	
05-6-2279-1	EPD&C-5495	3/1R	P	P	P	/				2	

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IDENTIFIERS		NASA			IDA RECOMMENDATIONS *					ISSUE
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)
05-6-2279-1	EPD&C-5559	3/1R	P	P	P	/				2
	EPD&C-5610	3/1R	P	P	P	/				2
05-6-2280-1	EPD&C-5063	2/1R	P	P	P	/				5
	EPD&C-5194	2/1R	P	P	P	/				5
05-6-2284-1	EPD&C-5398	3/2R	P	P	P	/				0
	EPD&C-5686	3/1R	P	P	P	/				0
	EPD&C-5732	3/1R	P	P	P	/				0
05-6-2287-1	EPD&C-5787	3/1R	P	P	P	/				0
	EPD&C-5867	3/1R	P	P	P	/				2
	EPD&C-5868	3/1R	P	P	P	/				2
	EPD&C-5869	3/1R	P	P	P	/				2
	EPD&C-6032	3/1R	P	P	P	/				2
	EPD&C-6033	3/1R	P	P	P	/				2
	EPD&C-6034	3/1R	P	P	P	/				2
	EPD&C-6212	3/1R	P	P	P	/				2
	EPD&C-6213	3/1R	P	P	P	/				2
05-6-2288-1	EPD&C-6214	3/1R	P	P	P	/				2
	EPD&C-5188	3/2R	P	P	P	/				2
05-6-2289-1	EPD&C-5377	3/2R	P	P	P	/				2
	EPD&C-5322	2/2				/				5
	EPD&C-5323	2/2				/				5
	EPD&C-5324	2/2				/				5
05-6-2291-1	EPD&C-5325	2/2				/				5
	EPD&C-5501	3/1R	P	F	P	/				0
	EPD&C-5572	3/1R	P	F	P	/				0
05-6-2293A-1	EPD&C-5621	3/1R	P	F	P	/				0
	EPD&C-5107	3/1R	P	P	P	/				0
05-6-2293B-1	EPD&C-5246	1/1				/				0
05-6-2293C-1	EPD&C-5446	3/1R	P	P	P	/				2,5,10
05-6-2294-1	EPD&C-5096	1/1				/				11
	EPD&C-5217	1/1				/				11
	EPD&C-5427	1/1				/				11
05-6-2295-1	EPD&C-5100	2/1R	P	P	P	/				5
	EPD&C-5232	2/1R	P	P	P	/				5
	EPD&C-5436	2/1R	P	P	P	/				5
05-6-2297-1	EPD&C-6028	3/1R	P	NA	P	/				5
	EPD&C-6029	3/1R	P	NA	P	/				5
	EPD&C-6030	3/1R	P	NA	P	/				5
	EPD&C-6031	3/1R	P	NA	P	/				5
	EPD&C-6078	3/1R	P	NA	P	/				5
	EPD&C-6079	3/1R	P	NA	P	/				5
	EPD&C-6206	3/1R	P	NA	P	/				5
	EPD&C-6207	3/1R	P	NA	P	/				5
	EPD&C-6208	3/1R	P	NA	P	/				5
	EPD&C-6209	3/1R	P	NA	P	/				5
	EPD&C-6210	3/1R	P	NA	P	/				5
	EPD&C-6211	3/1R	P	NA	P	/				5
	EPD&C-6386	3/1R	P	NA	P	/				5
	EPD&C-6387	3/1R	P	NA	P	/				5
	EPD&C-6388	3/1R	P	NA	P	/				5

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *						
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)	ISSUE
05-6-2297-1	EPD&C-6389	3/1R	P	NA	P	/				5	
	EPD&C-6390	3/1R	P	NA	P	/				5	
	EPD&C-6391	3/1R	P	NA	P	/				5	
05-6-2298-1	EPD&C-5964	3/2R	P	P	P	/				5	
	EPD&C-6137	3/2R	P	P	P	/				5	
	EPD&C-6314	3/2R	P	P	P	/				5	
	EPD&C-6316	3/2R	P	P	P	/				5	
05-6-2298-2	EPD&C-5965	3/3				/				0	
	EPD&C-6136	3/3				/				0	
	EPD&C-6315	3/3				/				0	
	EPD&C-6317	3/3				/				0	
05-6-2299-1	EPD&C-5104	3/1R	P	P	P	/				2	
	EPD&C-5105	3/1R	P	P	P	/				2	
	EPD&C-5242	3/1R	P	P	P	/				2	
	EPD&C-5243	3/1R	P	P	P	/				2	
	EPD&C-5244	3/1R	P	P	P	/				2	
	EPD&C-5438	3/1R	P	P	P	/				2	
	EPD&C-5439	3/1R	P	P	P	/				2	
	EPD&C-5440	3/1R	P	P	P	/				2	
05-6-2300-1	EPD&C-5490	3/3				/				0	
	EPD&C-5493	3/3				/				0	
	EPD&C-5555	3/3				/				0	
	EPD&C-5606	3/3				/				0	
05-6-2301-1	EPD&C-6468	3/3				/				0	
	EPD&C-6469	3/3				/				0	
	EPD&C-6470	3/3				/				0	
05-6-2302-1	EPD&C-6471	3/1R	P	NA	P	/				5	
	EPD&C-6472	3/1R	P	NA	P	/				5	
	EPD&C-6473	3/1R	P	NA	P	/				5	
05-6-2303-1	EPD&C-6484	3/3				/				0	
05-6-2303-2	EPD&C-6484A	3/3				/				0	
05-6-2304-1	EPD&C-6485	3/3				/				0	
05-6-2305-1	EPD&C-5559	3/3				/				0	
05-6-2306-1	EPD&C-6474	3/1R	P	P	P	/				5.6	
	EPD&C-6475	3/1R	P	P	P	/				5.6	
	EPD&C-6476	3/1R	P	P	P	/				5.6	
	EPD&C-6477	3/1R	P	P	P	/				5.6	
05-6-2307-1	EPD&C-6478	3/1R	P	P	P	/				5.6	
	EPD&C-6479	3/1R	P	P	P	/				5.6	
	EPD&C-6483	3/3				/				0	
05-6-2310-1	EPD&C-6483A	3/3				/				0	
05-6-2311-1	EPD&C-6480	3/3				/				0	
	EPD&C-6481	3/3				/				0	
	EPD&C-6482	3/3				/				0	
05-6-2321-1	EPD&C-5273	3/3				/				0	
	EPD&C-5295	3/3				/				0	
05-6-2322-1	EPD&C-5272	3/3				/				0	
	EPD&C-5294	3/3				/				0	
05-6-2323-1	EPD&C-5314	3/3				/				0	
	EPD&C-5328	3/3				/				0	

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *					ISSUE
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)
05-6-2323-1	EPD&C-5329	3/3				/				0
05-6-2324-1	EPD&C-5315	3/3				/				0
	EPD&C-5326	3/3				/				0
	EPD&C-5327	3/3				/				0
05-6-2324-2	EPD&C-5315A	3/3				/				0
	EPD&C-5326A	3/3				/				0
	EPD&C-5327A	3/3				/				0
05-6-2325-1	EPD&C-5708	3/3				/				0
	EPD&C-5710	3/3				/				0
	EPD&C-5712	3/3				/				0
	EPD&C-5754	3/3				/				0
	EPD&C-5756	3/3				/				0
	EPD&C-5758	3/3				/				0
	EPD&C-5761	3/3				/				0
	EPD&C-5763	3/3				/				0
	EPD&C-5765	3/3				/				0
	EPD&C-5261	3/3				/				0
	EPD&C-5262	3/3				/				0
	EPD&C-5263	3/3				/				0
05-6-2328-1	EPD&C-6554	3/3				/				0
	EPD&C-6555	3/3				/				0
	EPD&C-6556	3/3				/				0
05-6-2329-1	EPD&C-6557	3/3				/				0
	EPD&C-6562	3/1R	P	P	P	/				2
	EPD&C-6563	3/1R	P	P	P	/				2
	EPD&C-6564	3/1R	P	P	P	/				2
05-6-2329-2	EPD&C-6565	3/1R	P	P	P	/				2
	EPD&C-6562A	3/1R	P	F	P	/				0
	EPD&C-6563A	3/1R	P	F	P	/				0
	EPD&C-6564A	3/1R	P	F	P	/				0
05-6-2330-1	EPD&C-6565A	3/1R	P	F	P	/				0
	EPD&C-6558	3/1R	P	F	P	/				5
	EPD&C-6559	3/1R	P	F	P	/				5
	EPD&C-6560	3/1R	P	F	P	/				5
05-6-2330-2	EPD&C-6561	3/1R	P	F	P	/				5
	EPD&C-6558A	3/1R	P	P	P	/				0
	EPD&C-6559A	3/1R	P	P	P	/				0
	EPD&C-6560A	3/1R	P	P	P	/				0
05-6-2331-1	EPD&C-6561A	3/1R	P	P	P	/				0
	EPD&C-5453	3/1R	P	P	P	/				2
	EPD&C-5456	3/1R	P	P	P	/				2
	EPD&C-5520	3/1R	P	P	P	/				2
	EPD&C-5521	3/1R	P	P	P	/				2
	EPD&C-5626	3/1R	P	P	P	/				2
	EPD&C-5627	3/1R	P	P	P	/				2
05-6-2331-2	EPD&C-6486	3/3				/				0
	EPD&C-6487	3/3				/				0
	EPD&C-6488	3/3				/				0
	EPD&C-6489	3/3				/				0
EPD&C-6490	3/3				/				0	

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *					
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)
05-6-2331-2	EPD&C-6491	3/3				/				0
05-6-2332-1	EPD&C-5929	3/3				/				0
	EPD&C-5930	3/3				/				0
	EPD&C-6122	3/3				/				0
	EPD&C-6123	3/3				/				0
	EPD&C-6290	3/3				/				0
	EPD&C-6291	3/3				/				0
05-6-2333-1	EPD&C-5253	3/2R	P	P	P	/				2
	EPD&C-5254	3/2R	P	P	P	/				2
	EPD&C-5255	3/2R	P	P	P	/				2
	EPD&C-5256	3/2R	P	P	P	/				2
05-6-2333-2	EPD&C-5253A	3/3				/				0
	EPD&C-5254A	3/3				/				0
	EPD&C-5255A	3/3				/				0
	EPD&C-5256A	3/3				/				0
05-6-2334-1	EPD&C-5015	3/3				/				0
	EPD&C-5016	3/3				/				0
	EPD&C-5134	3/3				/				0
	EPD&C-5135	3/3				/				0
	EPD&C-5355	3/3				/				0
	EPD&C-5356	3/3				/				0
05-6-2335-1	EPD&C-5457	3/3				/				0
	EPD&C-5460	3/3				/				0
	EPD&C-5500	3/3				/				0
	EPD&C-5522	3/3				/				0
	EPD&C-5523	3/3				/				0
	EPD&C-5571	3/3				/				0
	EPD&C-5620	3/3				/				0
	EPD&C-5624	3/3				/				0
	EPD&C-5625	3/3				/				0
05-6-2336-1	EPD&C-5014	3/3				/				0
	EPD&C-5131	3/3				/				0
	EPD&C-5354	3/3				/				0
05-6-2338-1	EPD&C-5461	3/3				/				0
	EPD&C-5471	3/3				/				0
	EPD&C-5530	3/3				/				0
	EPD&C-5536	3/3				/				0
	EPD&C-5635	3/3				/				0
	EPD&C-5640	3/3				/				0
05-6-2339-1	EPD&C-5462	3/3				/				0
	EPD&C-5472	3/3				/				0
	EPD&C-5531	3/3				/				0
	EPD&C-5537	3/3				/				0
	EPD&C-5634	3/3				/				0
	EPD&C-5641	3/3				/				0
05-6-2340-1	EPD&C-5709	3/3				/				0
	EPD&C-5711	3/3				/				0
	EPD&C-5713	3/3				/				0
	EPD&C-5755	3/3				/				0
	EPD&C-5757	3/3				/				0

IDENTIFIERS		NASA			IOA RECOMMENDATIONS						
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)	ISSUE
05-6-2340-1	EPD&C-5759	3/3				/				0	
	EPD&C-5760	3/3				/				0	
	EPD&C-5762	3/3				/				0	
	EPD&C-5764	3/3				/				0	
05-6-2341-1	EPD&C-5705	3/3				/				0	
	EPD&C-5706	3/3				/				0	
	EPD&C-5707	3/3				/				0	
	EPD&C-5751	3/3				/				0	
	EPD&C-5752	3/3				/				0	
	EPD&C-5753	3/3				/				0	
	EPD&C-5766	3/3				/				0	
	EPD&C-5767	3/3				/				0	
	EPD&C-5768	3/3				/				0	
	EPD&C-5012	3/3				/				0	
05-6-2342-1	EPD&C-5013	3/3				/				0	
	EPD&C-5132	3/3				/				0	
	EPD&C-5133	3/3				/				0	
	EPD&C-5352	3/3				/				0	
	EPD&C-5353	3/3				/				0	
	EPD&C-5030	2/1R	P	P	P	/				0	
05-6-2345B-1	EPD&C-5136	1/1				/				21	
05-6-2345C-1	EPD&C-5357	2/1R	P	P	P	/				0	
05-6-2346-1	EPD&C-5870	3/3				/				0	
	EPD&C-5871	3/3				/				0	
	EPD&C-5872	3/3				/				0	
	EPD&C-6035	3/3				/				0	
	EPD&C-6036	3/3				/				0	
	EPD&C-6037	3/3				/				0	
	EPD&C-6227	3/3				/				0	
	EPD&C-6228	3/3				/				0	
	EPD&C-6229	3/3				/				0	
	EPD&C-5925	3/3				/				0	
	EPD&C-5926	3/3				/				0	
	EPD&C-5947	3/3				/				0	
	EPD&C-5948	3/3				/				0	
	EPD&C-5949	3/3				/				0	
05-6-2347-1	EPD&C-6116	3/3				/				0	
	EPD&C-6117	3/3				/				0	
	EPD&C-6118	3/3				/				0	
	EPD&C-6119	3/3				/				0	
	EPD&C-6120	3/3				/				0	
	EPD&C-6284	3/3				/				0	
	EPD&C-6285	3/3				/				0	
	EPD&C-6286	3/3				/				0	
	EPD&C-6287	3/3				/				0	
	EPD&C-6288	3/3				/				0	
	EPD&C-5927	3/3				/				0	
	EPD&C-5928	3/3				/				0	
	EPD&C-6121	3/3				/				0	
	EPD&C-6124	3/3				/				0	
05-6-2349-1											

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *						
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)	ISSUE
05-6-2349-1	EPD&C-6289	3/3				/				0	
	EPD&C-6292	3/3				/				0	
05-6-2350-1	EPD&C-5006	3/3				/				0	
	EPD&C-5128	3/3				/				0	
05-6-2351-1	EPD&C-5349	3/3				/				0	
	EPD&C-5095	3/3				/				0	
05-6-2352-1	EPD&C-5108	3/3				/				0	
	EPD&C-5219	3/3				/				0	
	EPD&C-5247	3/3				/				0	
	EPD&C-5429	3/3				/				0	
	EPD&C-5447	3/3				/				0	
	EPD&C-5950	3/3				/				0	
	EPD&C-5951	3/3				/				0	
	EPD&C-5952	3/3				/				0	
	EPD&C-5953	3/3				/				0	
	EPD&C-5954	3/3				/				0	
	EPD&C-5955	3/3				/				0	
	EPD&C-6128	3/3				/				0	
	EPD&C-6129	3/3				/				0	
	EPD&C-6130	3/3				/				0	
	EPD&C-6131	3/3				/				0	
	EPD&C-6132	3/3				/				0	
	EPD&C-6133	3/3				/				0	
	EPD&C-6296	3/3				/				0	
	EPD&C-6297	3/3				/				0	
	EPD&C-6298	3/3				/				0	
EPD&C-6299	3/3				/				0		
05-6-2353-1	EPD&C-6300	3/3				/				0	
	EPD&C-6301	3/3				/				0	
	EPD&C-5956	3/3				/				0	
	EPD&C-5957	3/3				/				0	
	EPD&C-5958	3/3				/				0	
	EPD&C-6125	3/3				/				0	
	EPD&C-6126	3/3				/				0	
	EPD&C-6127	3/3				/				0	
	EPD&C-6293	3/3				/				0	
	EPD&C-6294	3/3				/				0	
05-6-2354-1	EPD&C-6295	3/3				/				0	
	EPD&C-5010	3/3				/				0	
	EPD&C-5011	3/3				/				0	
	EPD&C-5088	3/3				/				0	
	EPD&C-5101	3/3				/				0	
	EPD&C-5129	3/3				/				0	
	EPD&C-5130	3/3				/				0	
	EPD&C-5211	3/3				/				0	
	EPD&C-5233	3/3				/				0	
	EPD&C-5350	3/3				/				0	
	EPD&C-5351	3/3				/				0	
	EPD&C-5424	3/3				/				0	
	EPD&C-5437	3/3				/				0	

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *						
NASA EA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)	ISSUE
6-2358-1	EPD&C-5683	3/1R	P	P	P	/				2	
	EPD&C-5684	3/1R	P	P	P	/				2	
	EPD&C-5685	3/1R	P	P	P	/				2	
6-2358-2	EPD&C-5683A	3/3				/				0	
	EPD&C-5684A	3/3				/				0	
	EPD&C-5685A	3/3				/				0	
6-2359-1	EPD&C-6352	2/1R	P	P	P	/				2,21	
	EPD&C-6353	3/1R	P	P	P	/				2	
	EPD&C-6354	3/1R	P	P	P	/				2	
	EPD&C-6355	2/1R	P	P	P	/				2,21	
	EPD&C-6693X	3/1R	P	P	P	/				0	
	EPD&C-6694X	3/1R	P	P	P	/				0	
6-2359-2	EPD&C-6352A	3/3				/				0	
	EPD&C-6353A	3/3				/				0	
	EPD&C-6354A	3/3				/				0	
	EPD&C-6355A	3/3				/				0	
	EPD&C-6695X	3/3				/				0	
	EPD&C-6696X	3/3				/				0	
6-2360-1	EPD&C-6360	3/3				/				0	
	EPD&C-6361	3/3				/				0	
6-2361-1	EPD&C-5905	3/1R	P	P	P	/				0	
	EPD&C-6134	3/1R	P	P	P	/				0	
	EPD&C-6264	3/1R	P	P	P	/				0	
6-2361-2	EPD&C-5906	3/1R	F	NA	P	/				5	
	EPD&C-6135	3/1R	F	NA	P	/				5	
	EPD&C-6265	3/1R	F	NA	P	/				5	
6-2362-1	EPD&C-6492	3/3				/				0	
	EPD&C-6493	3/3				/				0	
	EPD&C-6494	3/3				/				0	
	EPD&C-6495	3/3				/				0	
	EPD&C-6496	3/3				/				0	
	EPD&C-6497	3/3				/				0	
	EPD&C-6498	3/3				/				0	
	EPD&C-6499	3/3				/				0	
	EPD&C-6500	3/3				/				0	
6-2363-1	EPD&C-6501	3/3				/				0	
	EPD&C-6502	3/3				/				0	
	EPD&C-6503	3/3				/				0	
	EPD&C-6504	3/3				/				0	
	EPD&C-6505	3/3				/				0	
	EPD&C-6506	3/3				/				0	
	EPD&C-6507	3/3				/				0	
	EPD&C-6508	3/3				/				0	
	EPD&C-6509	3/3				/				0	
	EPD&C-6510	3/3				/				0	
	EPD&C-6511	3/3				/				0	
6-2385-1	EPD&C-5498	3/3				/				0	
	EPD&C-5499	3/3				/				0	
	EPD&C-5565	3/3				/				0	
	EPD&C-5566	3/3				/				0	

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *						
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)	ISSUE
05-6-2385-1	EPD&C-5614	3/3				/				0	
	EPD&C-5615	3/3				/				0	
05-6-2386-1	EPD&C-5687	3/1R	P	P	P	/				0	
	EPD&C-5689	3/1R	P	P	P	/				0	
	EPD&C-5691	3/1R	P	P	P	/				0	
	EPD&C-5733	3/1R	P	P	P	/				0	
	EPD&C-5735	3/1R	P	P	P	/				0	
	EPD&C-5737	3/1R	P	P	P	/				0	
	EPD&C-5781	3/1R	P	P	P	/				0	
	EPD&C-5783	3/1R	P	P	P	/				0	
	EPD&C-5785	3/1R	P	P	P	/				0	
05-6-2386-2	EPD&C-5688	3/3				/				0	
	EPD&C-5690	3/3				/				0	
	EPD&C-5692	3/3				/				0	
	EPD&C-5734	3/3				/				0	
	EPD&C-5736	3/3				/				0	
	EPD&C-5738	3/3				/				0	
	EPD&C-5782	3/3				/				0	
	EPD&C-5784	3/3				/				0	
	EPD&C-5786	3/3				/				0	
05-6-2387A-1	EPD&C-5036	3/1R	P	NA	P	/				1	
	EPD&C-5161	3/1R	P	NA	P	/				1	
	EPD&C-5384	3/1R	P	NA	P	/				1	
05-6-2387A-2	EPD&C-5035	3/3				/				0	
	EPD&C-5160	3/3				/				0	
	EPD&C-5383	3/3				/				0	
05-6-2387B-1	EPD&C-5038	3/1R	P	NA	P	/				5	
	EPD&C-5163	3/1R	P	NA	P	/				5	
	EPD&C-5386	3/1R	P	NA	P	/				5	
05-6-2387B-2	EPD&C-5037	3/3				/				0	
	EPD&C-5162	3/3				/				0	
	EPD&C-5385	3/3				/				0	
05-6-2388A-1	EPD&C-5032	3/1R	P	NA	P	/				1	
	EPD&C-5157	3/1R	P	NA	P	/				1	
	EPD&C-5380	3/1R	P	NA	P	/				1	
05-6-2388A-2	EPD&C-5031	3/3				/				0	
	EPD&C-5156	3/3				/				0	
	EPD&C-5379	3/3				/				0	
05-6-2388B-1	EPD&C-5034	3/1R	P	NA	P	/				5	
	EPD&C-5159	3/1R	P	NA	P	/				5	
	EPD&C-5382	3/1R	P	NA	P	/				5	
05-6-2388B-2	EPD&C-5033	3/3				/				0	
	EPD&C-5158	3/3				/				0	
	EPD&C-5381	3/3				/				0	
05-6-2389-1	EPD&C-5003	3/1R	P	F	P	/				7	
	EPD&C-5122	3/1R	P	F	P	/				7	
	EPD&C-5343	3/1R	P	F	P	/				7	
05-6-2389-2	EPD&C-5002	3/3				/				0	
	EPD&C-5121	3/3				/				0	
	EPD&C-5342	3/3				/				0	

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *					ISSUE	
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)	
05-6-2389-3	EPD&C-5001	3/3				/				0	
	EPD&C-5120	3/3				/				0	
	EPD&C-5341	3/3				/				0	
05-6-2389-4	EPD&C-5000	3/3				/				0	
	EPD&C-5119	3/3				/				0	
	EPD&C-5340	3/3				/				0	
05-6-2390-1	EPD&C-5880	3/3				/				0	
	EPD&C-5882	3/3				/				0	
	EPD&C-5884	3/3				/				0	
	EPD&C-6051	3/3				/				0	
	EPD&C-6053	3/3				/				0	
	EPD&C-6055	3/3				/				0	
	EPD&C-6231	3/3				/				0	
	EPD&C-6233	3/3				/				0	
	EPD&C-6235	3/3				/				0	
	05-6-2390-2	EPD&C-5879	3/3				/				0
		EPD&C-5881	3/3				/				0
		EPD&C-5883	3/3				/				0
EPD&C-6050		3/3				/				0	
EPD&C-6052		3/3				/				0	
EPD&C-6054		3/3				/				0	
EPD&C-6230		3/3				/				0	
EPD&C-6232		3/3				/				0	
EPD&C-6234		3/3				/				0	
05-6-2391-1		EPD&C-6578	3/1R	P	NA	P	/				0
		EPD&C-6580	3/1R	P	NA	P	/				0
		EPD&C-6582	3/1R	P	NA	P	/				0
	EPD&C-6584	3/1R	P	NA	P	/				0	
	EPD&C-6594	3/1R	P	NA	P	/				0	
	EPD&C-6596	3/1R	P	NA	P	/				0	
	EPD&C-6598	3/1R	P	NA	P	/				0	
	EPD&C-6600	3/1R	P	NA	P	/				0	
	05-6-2391-2	EPD&C-6579	3/3				/				0
		EPD&C-6581	3/3				/				0
		EPD&C-6583	3/3				/				0
		EPD&C-6585	3/3				/				0
EPD&C-6595		3/3				/				0	
EPD&C-6597		3/3				/				0	
EPD&C-6599		3/3				/				0	
EPD&C-6601		3/3				/				0	
05-6-2392-1		EPD&C-6186	3/2R	P	P	P	/				0
		EPD&C-6375	3/2R	P	P	P	/				0
05-6-2392-2		EPD&C-6187	3/3				/				0
		EPD&C-6376	3/3				/				0
05-6-2393-1	EPD&C-6362	2/1R	P	F	F	/				5,6,21	
	EPD&C-6364	2/1R	P	F	P	/				5,6,21	
	EPD&C-6366	2/1R	P	F	P	/				5,6,21	
	EPD&C-6368	2/1R	P	F	P	/				5,6,21	
05-6-2393-2	EPD&C-6363	3/3				/				0	
	EPD&C-6365	3/3				/				0	

IDENTIFIERS		NASA			IDA RECOMMENDATIONS *						
NASA FMEA NUMBER	IDA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)	ISSUE
05-6-2393-2	EPD&C-6367	3/3				/				0	
	EPD&C-6369	3/3				/				0	
05-6-2394-1	EPD&C-5264	3/2R	P	P	P	/				0	
	EPD&C-5292	3/2R	P	P	P	/				0	
05-6-2394-2	EPD&C-5265	3/3				/				0	
	EPD&C-5293	3/3				/				0	
05-6-2395-1	EPD&C-5267	3/2R	P	NA	P	/				2	
	EPD&C-5269	3/2R	P	NA	P	/				2	
	EPD&C-5271	3/2R	P	NA	P	/				2	
	EPD&C-5287	3/2R	P	NA	P	/				2	
	EPD&C-5289	3/2R	P	NA	P	/				2	
	EPD&C-5291	3/2R	P	NA	P	/				2	
05-6-2395-2	EPD&C-5266	3/3				/				0	
	EPD&C-5268	3/3				/				0	
	EPD&C-5270	3/3				/				0	
	EPD&C-5286	3/3				/				0	
	EPD&C-5288	3/3				/				0	
	EPD&C-5290	3/3				/				0	
05-6-2396-1	EPD&C-5296	3/3				/				9	
05-6-2396-2	EPD&C-5297	3/1R	P	P	P	/				9	
05-6-2397-1	EPD&C-5304	3/3				/				9	
05-6-2397-2	EPD&C-5305	3/1R	P	NA	P	/				9	
05-6-2471-1	EPD&C-5660	3/3				/				0	
	EPD&C-5662	3/3				/				0	
	EPD&C-5668	3/3				/				0	
	EPD&C-5670	3/3				/				0	
	EPD&C-5672	3/3				/				0	
	EPD&C-5674	3/3				/				0	
05-6-2471-2	EPD&C-5659	3/1R	P	F	P	/				7	
	EPD&C-5661	3/1R	P	F	P	/				7	
	EPD&C-5667	3/1R	P	F	P	/				7	
	EPD&C-5669	3/1R	P	F	P	/				7	
	EPD&C-5671	3/1R	P	F	P	/				7	
	EPD&C-5673	3/1R	P	F	P	/				7	
05-6-2472-1	EPD&C-5664	3/3				/				0	
	EPD&C-5666	3/3				/				0	
	EPD&C-5676	3/3				/				0	
05-6-2472-2	EPD&C-5663	3/1R	P	NA	P	/				3	
	EPD&C-5665	3/1R	P	NA	P	/				3	
	EPD&C-5675	3/1R	P	NA	P	/				3	
05-6-2474-1	EPD&C-5901	3/1R	P	F	P	/				7	
	EPD&C-6076	3/1R	P	F	P	/				7	
	EPD&C-6256	3/1R	P	F	P	/				7	
05-6-2474-2	EPD&C-5902	3/3				/				0	
	EPD&C-6077	3/3				/				0	
	EPD&C-6257	3/3				/				0	
05-6-2475-1	EPD&C-5899	3/3				/				0	
	EPD&C-6074	3/3				/				0	
	EPD&C-6254	3/3				/				0	
05-6-2475-2	EPD&C-5900	3/1R	P	NA	F	/				5	

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *						
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)	ISSUE
05-6-2475-2	EPD&C-6075	3/1R	P	NA	P	/				5	
	EPD&C-6255	3/1R	P	NA	P	/				5	
05-6-2481-1	EPD&C-5715	3/1R	P	P	P	/				2	
	EPD&C-5717	3/1R	P	P	P	/				2	
	EPD&C-5719	3/1R	P	P	P	/				2	
	EPD&C-5721	3/1R	P	P	P	/				2	
	EPD&C-5723	3/1R	P	P	P	/				2	
	EPD&C-5725	3/1R	P	P	P	/				2	
	EPD&C-5727	3/1R	P	P	P	/				2	
	EPD&C-5729	3/1R	P	P	P	/				2	
	EPD&C-5731	3/1R	P	P	P	/				2	
05-6-2481-2	EPD&C-5714	3/3				/				0	
	EPD&C-5716	3/3				/				0	
	EPD&C-5718	3/3				/				0	
	EPD&C-5720	3/3				/				0	
	EPD&C-5722	3/3				/				0	
	EPD&C-5724	3/3				/				0	
	EPD&C-5726	3/3				/				0	
	EPD&C-5728	3/3				/				0	
	EPD&C-5730	3/3				/				0	
05-6-2482-1	EPD&C-5506	3/3				/				0	
	EPD&C-5507	3/3				/				0	
	EPD&C-5563	3/3				/				0	
	EPD&C-5564	3/3				/				0	
	EPD&C-5612	3/3				/				0	
	EPD&C-5613	3/3				/				0	
	EPD&C-5844	3/3				/				0	
	EPD&C-5846	3/3				/				0	
	EPD&C-5848	3/3				/				0	
05-6-2485-1	EPD&C-6009	3/3				/				0	
	EPD&C-6011	3/3				/				0	
	EPD&C-6013	3/3				/				0	
	EPD&C-6189	3/3				/				0	
	EPD&C-6190	3/3				/				0	
	EPD&C-6193	3/3				/				0	
	EPD&C-5843	3/1R	P	F	P	/				5	
	EPD&C-5845	3/1R	P	F	P	/				5	
	EPD&C-5847	3/1R	P	F	P	/				5	
05-6-2485-2	EPD&C-6008	3/1R	P	F	P	/				5	
	EPD&C-6010	3/1R	P	F	P	/				5	
	EPD&C-6012	3/1R	P	F	P	/				5	
	EPD&C-6188	3/1R	P	F	P	/				5	
	EPD&C-6191	3/1R	P	F	P	/				5	
	EPD&C-6192	3/1R	P	F	P	/				5	
	EPD&C-5850	3/3				/				0	
	EPD&C-5852	3/3				/				0	
	EPD&C-5854	3/3				/				0	
05-6-2486-1	EPD&C-6015	3/3				/				0	
	EPD&C-6017	3/3				/				0	
	EPD&C-6019	3/3				/				0	

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *						
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)	ISSUE
05-6-2486-1	EPD&C-6194	3/3				/				0	
	EPD&C-6197	3/3				/				0	
	EPD&C-6198	3/3				/				0	
05-6-2486-2	EPD&C-5849	3/1R	P	F	P	/				5	
	EPD&C-5851	3/1R	P	F	P	/				5	
	EPD&C-5853	3/1R	P	F	P	/				5	
	EPD&C-6014	3/1R	P	F	P	/				5	
	EPD&C-6016	3/1R	P	F	P	/				5	
	EPD&C-6018	3/1R	P	F	P	/				5	
	EPD&C-6195	3/1R	P	F	P	/				5	
	EPD&C-6196	3/1R	P	F	P	/				5	
	EPD&C-6199	3/1R	P	F	P	/				5	
	EPD&C-5856	3/1R	P	NA	P	/				5	
05-6-2487-1	EPD&C-5858	3/1R	P	NA	P	/				5	
	EPD&C-5860	3/1R	P	NA	P	/				5	
	EPD&C-6021	3/1R	P	NA	P	/				5	
	EPD&C-6023	3/1R	P	NA	P	/				5	
	EPD&C-6025	3/1R	P	NA	P	/				5	
	EPD&C-6201	3/1R	P	NA	P	/				5	
	EPD&C-6202	3/1R	P	NA	P	/				5	
	EPD&C-6205	3/1R	P	NA	P	/				5	
	EPD&C-5855	3/1R	P	P	P	/				0	
	EPD&C-5857	3/1R	P	P	P	/				0	
05-6-2487-2	EPD&C-5859	3/1R	P	P	P	/				0	
	EPD&C-6020	3/1R	P	P	P	/				0	
	EPD&C-6022	3/1R	P	P	P	/				0	
	EPD&C-6024	3/1R	P	P	P	/				0	
	EPD&C-6200	3/1R	P	P	P	/				0	
	EPD&C-6203	3/1R	P	P	P	/				0	
	EPD&C-6204	3/1R	P	P	P	/				0	
	EPD&C-5840	3/3				/				0	
	EPD&C-6005	3/3				/				0	
	EPD&C-6185	3/3				/				0	
05-6-2488-2	EPD&C-5839	3/1R	P	P	P	/				5	
	EPD&C-6004	3/1R	P	P	P	/				5	
	EPD&C-6164	3/1R	P	P	P	/				5	
05-6-2489-1	EPD&C-5842	3/3				/				0	
	EPD&C-6007	3/3				/				0	
	EPD&C-6186	3/3				/				0	
05-6-2489-2	EPD&C-5841	3/1R	P	F	P	/				7	
	EPD&C-6006	3/1R	P	F	P	/				7	
	EPD&C-6187	3/1R	P	F	P	/				7	
05-6-2490-1	EPD&C-6663	3/1R	P	F	P	/				2	
	EPD&C-6665	3/1R	P	F	P	/				2	
05-6-2490-2	EPD&C-6664	2/1R	P	F	P	/				2,6	
	EPD&C-6666	2/1R	P	F	P	/				2,6	
05-6-2490-3	EPD&C-6664A	2/1R	P	P	P	/				0	
	EPD&C-6666A	2/1R	P	P	P	/				0	
05-6-2491-1	EPD&C-6667	2/1R	P	F	P	/				5	
	EPD&C-6669	2/1R	P	F	P	/				5	

IDENTIFIERS		NASA			IDA RECOMMENDATIONS *				
NASA FMEA NUMBER	IDA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C	CRIT HW/F	SCREENS A B C	OTHER (SEE LEGEND CODE)	ISSUE		
05-6-2491-2	EPD&C-6668	2/1R	P F P	/		2			
	EPD&C-6670	2/1R	P F P	/		2			
05-6-2493-1	EPD&C-6659	1/1		/		21			
	EPD&C-6661	1/1		/		21			
05-6-2493-2	EPD&C-6660	2/1R	P F P	/		21			
	EPD&C-6662	2/1R	P F P	/		21			
05-6-2494-1	EPD&C-6530	3/1R	P P P	/		2			
	EPD&C-6532	3/1R	P P P	/		2			
	EPD&C-6534	3/1R	P P P	/		2			
	EPD&C-6536	3/1R	P P P	/		2			
05-6-2494-2	EPD&C-6531	3/1R	P F P	/		5			
	EPD&C-6533	3/1R	P F P	/		5			
	EPD&C-6535	3/1R	P F P	/		5			
	EPD&C-6537	3/1R	P F P	/		5			
05-6-2495-1	EPD&C-6538	3/1R	P NA P	/		2			
	EPD&C-6540	3/1R	P NA P	/		2			
	EPD&C-6542	3/1R	P NA P	/		2			
	EPD&C-6544	3/1R	P NA P	/		2			
05-6-2495-2	EPD&C-6539	3/1R	P P P	/		5			
	EPD&C-6541	3/1R	P P P	/		5			
	EPD&C-6543	3/1R	P P P	/		5			
	EPD&C-6545	3/1R	P P P	/		5			
05-6-2496-1	EPD&C-6546	3/1R	P F P	/		0			
	EPD&C-6548	3/1R	P F P	/		0			
	EPD&C-6550	3/1R	P F P	/		0			
	EPD&C-6552	3/1R	P F P	/		0			
05-6-2496-2	EPD&C-6547	3/1R	P P P	/		5			
	EPD&C-6549	3/1R	P P P	/		5			
	EPD&C-6551	3/1R	P P P	/		5			
	EPD&C-6553	3/1R	P P P	/		5			
05-6-2508-1	EPD&C-6697X	2/1R	P F P	/		0			
05-6-2508-2	EPD&C-6698X	1/1		/		0			
05-6-2509-1	EPD&C-6699X	2/1R	P F P	/		0			
05-6-2509-2	EPD&C-6700X	1/1		/		0			
05-6-2510-1	EPD&C-6701X	2/1R	P F P	/		0			
05-6-2510-2	EPD&C-6702X	2/1R	P F P	/		0			
05-6-2601-1	EPD&C-5064	3/1R	P P P	/		2			
	EPD&C-5193	3/1R	P P P	/		2			
	EPD&C-5399	3/1R	P P P	/		2			
05-6-2602-1	EPD&C-5491	3/1R	P P P	/		0			
	EPD&C-5556	3/1R	P P P	/		0			
	EPD&C-5607	3/1R	P P P	/		0			
05-6-2603-1	EPD&C-5486	3/1R	P F P	/		0			
	EPD&C-5487	3/1R	P F P	/		0			
	EPD&C-5550	3/1R	P F P	/		0			
	EPD&C-5551	3/1R	P F P	/		0			
	EPD&C-5601	3/1R	P F P	/		0			
05-6-2604-1	EPD&C-5602	3/1R	P F P	/		0			
	EPD&C-6658	1/1		/		21			
	05-6-2605-1	EPD&C-5485	3/1R	P F P	/		0		

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *						
NASA	IOA	CRIT	SCREENS			CRIT	SCREENS			OTHER	ISSUE
FMEA NUMBER	ASSESSMENT NUMBER	HW/F	A	B	C	HW/F	A	B	C	(SEE LEGEND CODE)	
05-6-2605-1	EPD&C-5496	3/1R	P	F	P	/				2	
	EPD&C-5552	3/1R	P	F	P	/				2	
	EPD&C-5560	3/1R	P	F	P	/				2	
	EPD&C-5603	3/1R	P	F	P	/				5	
	EPD&C-5611	3/1R	P	F	P	/				5	
05-6-2606-1	EPD&C-5316	3/1R	P	NA	P	/				5	
	EPD&C-5317	3/1R	P	NA	P	/				5	
	EPD&C-5320	3/1R	P	NA	P	/				5	
	EPD&C-5321	3/1R	P	NA	P	/				5	
05-6-2611-1	EPD&C-5974	3/1R	P	F	P	/				18	
	EPD&C-5976	3/1R	P	F	P	/				18	
	EPD&C-5978	3/1R	P	F	P	/				18	
	EPD&C-6139	3/1R	P	F	P	/				18	
	EPD&C-6141	3/1R	P	F	P	/				18	
	EPD&C-6143	3/1R	P	F	P	/				18	
	EPD&C-6322	3/1R	P	F	P	/				18	
	EPD&C-6324	3/1R	P	F	P	/				18	
	EPD&C-6326	3/1R	P	F	P	/				18	
05-6-2611-2	EPD&C-5975	3/3				/				0	
	EPD&C-5977	3/3				/				0	
	EPD&C-5979	3/3				/				0	
	EPD&C-6138	3/3				/				0	
	EPD&C-6140	3/3				/				0	
	EPD&C-6142	3/3				/				0	
	EPD&C-6323	3/3				/				0	
	EPD&C-6325	3/3				/				0	
	EPD&C-6327	3/3				/				0	
05-6-2612-1	EPD&C-5972	2/1R	P	P	P	/				0	
	EPD&C-6155	2/1R	P	P	P	/				0	
	EPD&C-6334	2/1R	P	P	P	/				0	
05-6-2612-2	EPD&C-5973	3/3				/				0	
	EPD&C-6154	3/3				/				0	
	EPD&C-6335	3/3				/				0	
05-6-2613-1	EPD&C-5968	2/1R	P	P	P	/				0	
	EPD&C-6148	2/1R	P	P	P	/				0	
	EPD&C-6152	2/1R	P	P	P	/				0	
	EPD&C-6332	2/1R	P	P	P	/				0	
05-6-2613-2	EPD&C-5969	3/1R	P	F	P	/				17	
	EPD&C-6149	3/1R	P	F	P	/				17	
	EPD&C-6153	3/1R	P	F	P	/				17	
	EPD&C-6333	3/1R	P	F	P	/				17	
05-6-2614-1	EPD&C-5970	2/1R	P	P	P	/				0	
	EPD&C-6330	2/1R	P	P	P	/				0	
05-6-2614-2	EPD&C-5971	3/1R	P	F	P	/				17	
	EPD&C-6331	3/1R	P	F	P	/				17	
05-6-2615-1	EPD&C-6151	2/1R	P	P	P	/				0	
05-6-2615-2	EPD&C-6150	3/3				/				0	
05-6-2616-1	EPD&C-6147	2/1R	P	P	P	/				0	
05-6-2616-2	EPD&C-6146	3/3				/				0	
05-6-2617-1	EPD&C-6521	3/1R	P	F	P	/				5	

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *						
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)	ISSUE
05-6-2617-1	EPD&C-6522	3/1R	P	F	P	/				5	
	EPD&C-6523	3/1R	P	F	P	/				5	
	EPD&C-6524	3/1R	P	F	P	/				5	
	EPD&C-6525	3/1R	P	F	P	/				5	
	EPD&C-6526	3/1R	P	F	P	/				5	
	EPD&C-6527	3/1R	P	F	P	/				5	
	EPD&C-6528	3/1R	P	F	P	/				5	
	EPD&C-6529	3/1R	P	F	P	/				5	
05-6-2617-2	EPD&C-6512	3/3				/				0	
	EPD&C-6513	3/3				/				0	
	EPD&C-6514	3/3				/				0	
	EPD&C-6515	3/3				/				0	
	EPD&C-6516	3/3				/				0	
	EPD&C-6517	3/3				/				0	
	EPD&C-6518	3/3				/				0	
	EPD&C-6519	3/3				/				0	
05-6-2618-1	EPD&C-6520	3/3				/				0	
	EPD&C-5966	2/1R	P	P	P	/				0	
	EPD&C-6144	2/1R	P	P	P	/				0	
05-6-2618-2	EPD&C-6328	2/1R	P	P	P	/				0	
	EPD&C-5967	3/3				/				0	
	EPD&C-6145	3/3				/				0	
05-6-2619-1	EPD&C-6329	3/3				/				0	
	EPD&C-5799	3/1R	P	F	P	/				5	
	EPD&C-5800	3/1R	P	F	P	/				5	
	EPD&C-5803	3/1R	P	F	P	/				5	
	EPD&C-5804	3/1R	P	F	P	/				5	
	EPD&C-5805	3/1R	P	F	P	/				5	
	EPD&C-5806	3/1R	P	F	P	/				5	
	EPD&C-5809	3/1R	P	F	P	/				5	
	EPD&C-5810	3/1R	P	F	P	/				5	
05-6-2620-1	EPD&C-5801	2/1R	P	F	P	/				0	
	EPD&C-5802	2/1R	P	F	P	/				0	
	EPD&C-5807	2/1R	P	F	P	/				0	
	EPD&C-5808	2/1R	P	F	P	/				0	
05-6-2651-1	EPD&C-5110	2/1R	P	P	P	/				0	
	EPD&C-5249	2/1R	P	P	P	/				0	
	EPD&C-5449	2/1R	P	P	P	/				0	
05-6-2651-2	EPD&C-5111	3/3				/				0	
	EPD&C-5250	3/3				/				0	
	EPD&C-5450	3/3				/				0	
05-6-2652-1	EPD&C-5510	3/1R	P	F	P	/				0	
	EPD&C-5574	3/1R	P	F	P	/				0	
	EPD&C-5588	3/1R	P	F	P	/				0	
05-6-2652-2	EPD&C-5511	3/3				/				0	
	EPD&C-5575	3/3				/				0	
	EPD&C-5589	3/3				/				0	
05-6-2653-1	EPD&C-5084	2/1R	P	P	P	/				2	
	EPD&C-5224	2/1R	P	P	P	/				2	
	EPD&C-5231	2/1R	P	F	P	/				2	

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *					ISSUE
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)
05-6-2653-1	EPD&C-5434	2/1R	P	P	P	/			2	
05-6-2653-2	EPD&C-5083	3/1R	P	F	P	/			17	
	EPD&C-5225	3/1R	P	F	P	/			17	
	EPD&C-5230	3/1R	P	F	P	/			17	
	EPD&C-5435	3/1R	P	F	P	/			17	
05-6-2654-1	EPD&C-5115	2/1R	P	P	P	/			2	
	EPD&C-5432	2/1R	P	P	P	/			2	
05-6-2654-2	EPD&C-5116	3/1R	P	F	P	/			17	
	EPD&C-5433	3/1R	P	F	P	/			17	
05-6-2655-1	EPD&C-5221	2/1R	P	P	P	/			2	
	EPD&C-5228	2/1R	P	P	P	/			2	
05-6-2655-2	EPD&C-5222	3/3				/			0	
	EPD&C-5227	3/3				/			0	
05-6-2657-1	EPD&C-5098	2/1R	P	P	P	/			2	
	EPD&C-5206	2/1R	P	P	P	/			2	
	EPD&C-5421	2/1R	P	P	P	/			2	
05-6-2657-2	EPD&C-5099	3/3				/			0	
	EPD&C-5207	3/3				/			0	
	EPD&C-5420	3/3				/			0	
05-6-2658-1	EPD&C-5827	2/1R	P	F	P	/			2	
	EPD&C-5830	2/1R	P	F	P	/			2	
05-6-2658-2	EPD&C-5828	2/1R	P	P	P	/			0	
	EPD&C-5829	2/1R	P	P	P	/			0	
05-6-2659-1	EPD&C-6703X	1/1				/			0	
05-6-2659-2	EPD&C-6704X	2/1R	P	NA	P	/			0	
05-6-2660-1	EPD&C-6705X	2/1R	P	NA	P	/			0	
05-6-2660-2	EPD&C-6706X	2/1R	P	NA	P	/			0	
05-6-2701-1	EPD&C-5109	2/1R	P	P	P	/			2	
	EPD&C-5248	2/1R	P	P	P	/			2	
	EPD&C-5448	2/1R	P	P	P	/			2	
05-6-2701-2	EPD&C-5109A	3/3				/			0	
	EPD&C-5248A	3/3				/			0	
	EPD&C-5448A	3/3				/			0	
05-6-2702-1	EPD&C-5509	3/1R	P	F	P	/			0	
	EPD&C-5573	3/1R	P	F	P	/			0	
	EPD&C-5590	3/1R	P	F	P	/			0	
05-6-2702-2	EPD&C-5509A	3/3				/			0	
	EPD&C-5573A	3/3				/			0	
	EPD&C-5590A	3/3				/			0	
05-6-2703-1	EPD&C-5082	2/1R	P	P	P	/			2	
	EPD&C-5223	2/1R	P	P	P	/			2	
	EPD&C-5229	2/1R	P	P	P	/			2	
	EPD&C-5431	2/1R	P	P	P	/			2	
05-6-2703-2	EPD&C-5082A	3/3				/			0	
	EPD&C-5223A	3/3				/			0	
	EPD&C-5229A	3/3				/			0	
	EPD&C-5431A	3/3				/			0	
05-6-2704-1	EPD&C-5114	2/1R	P	P	P	/			2	
	EPD&C-5430	2/1R	P	P	P	/			2	
05-6-2704-2	EPD&C-5114A	3/3				/			0	

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *						
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)	ISSUE
05-6-2704-2	EPD&C-5430A	3/3				/				0	
05-6-2705-1	EPD&C-5220	2/1R	P	P	P	/				2	
	EPD&C-5226	2/1R	P	P	P	/				2	
05-6-2705-2	EPD&C-5220A	3/3				/				0	
	EPD&C-5226A	3/3				/				0	
05-6-2707-1	EPD&C-5097	2/1R	P	P	P	/				2	
	EPD&C-5205	2/1R	P	P	P	/				2	
	EPD&C-5419	2/1R	P	P	P	/				2	
05-6-2707-2	EPD&C-5097A	3/3				/				0	
	EPD&C-5205A	3/3				/				0	
	EPD&C-5419A	3/3				/				0	
05-6-2708-1	EPD&C-6707X	3/3				/				0	
	EPD&C-6708X	3/3				/				0	
05-6-2751-1	EPD&C-5988	2/1R	P	P	P	/				2,6	
	EPD&C-5990	2/1R	P	P	P	/				2,6	
05-6-2751-2	EPD&C-5988A	2/1R	P	P	P	/				0	
	EPD&C-5990A	2/1R	P	P	P	/				0	
05-6-2751-3	EPD&C-5989	3/1R	P	P	P	/				2	
	EPD&C-5991	3/1R	P	P	P	/				2	
05-6-2752-1	EPD&C-6164	2/1R	P	P	P	/				2,6	
	EPD&C-6167	2/1R	P	P	P	/				2,6	
05-6-2752-2	EPD&C-6164A	2/1R	P	P	P	/				0	
	EPD&C-6167A	2/1R	P	P	P	/				0	
05-6-2752-3	EPD&C-6165	3/1R	P	P	P	/				2	
	EPD&C-6166	3/1R	P	P	P	/				2	
05-6-2753-1	EPD&C-6348	2/1R	P	P	P	/				2,6	
	EPD&C-6350	2/1R	P	P	P	/				2,6	
05-6-2753-2	EPD&C-6348A	2/1R	P	P	P	/				0	
	EPD&C-6350A	2/1R	P	P	P	/				0	
05-6-2753-3	EPD&C-6349	3/1R	P	P	P	/				2	
	EPD&C-6351	3/1R	P	P	P	/				2	
05-6-2754-1	EPD&C-5992	2/1R	P	P	P	/				2,6	
	EPD&C-5994	2/1R	P	P	P	/				2,6	
05-6-2754-2	EPD&C-5992A	2/1R	P	P	P	/				0	
	EPD&C-5994A	2/1R	P	P	P	/				0	
05-6-2754-3	EPD&C-5993	2/1R	P	P	P	/				2	
	EPD&C-5995	2/1R	P	P	P	/				2	
05-6-2755-1	EPD&C-6156	2/1R	P	P	P	/				2,6	
	EPD&C-6159	2/1R	P	P	P	/				2,6	
05-6-2755-2	EPD&C-6156A	2/1R	P	P	P	/				0	
	EPD&C-6159A	2/1R	P	P	P	/				0	
05-6-2755-3	EPD&C-6157	3/1R	P	P	P	/				2	
	EPD&C-6158	3/1R	P	P	P	/				2	
05-6-2756-1	EPD&C-6172	2/1R	P	P	P	/				2,6	
	EPD&C-6175	2/1R	P	P	P	/				2,6	
05-6-2756-2	EPD&C-6172A	2/1R	P	P	P	/				2	
	EPD&C-6175A	2/1R	P	P	P	/				0	
05-6-2756-3	EPD&C-6173	3/1R	P	P	P	/				2	
	EPD&C-6174	3/1R	P	P	P	/				2	
05-6-2757-1	EPD&C-6344	2/1R	P	P	P	/				2,6	

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *						
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)	ISSUE
05-6-2757-1	EPD&C-6346	2/1R	P	P	P	/				2,6	
05-6-2757-2	EPD&C-6344A	2/1R	P	P	P	/				0	
	EPD&C-6346A	2/1R	P	P	P	/				0	
05-6-2757-3	EPD&C-6345	3/1R	P	P	P	/				2	
	EPD&C-6347	3/1R	P	P	P	/				2	
05-6-2801-1	EPD&C-5112	2/1R	P	P	P	/				2	
	EPD&C-5251	2/1R	P	P	P	/				2	
	EPD&C-5451	2/1R	P	P	P	/				2	
05-6-2801-2	EPD&C-5113	3/3				/				0	
	EPD&C-5252	3/3				/				0	
	EPD&C-5452	3/3				/				0	
05-6-2802-1	EPD&C-5512	3/1R	P	F	P	/				0	
	EPD&C-5576	3/1R	P	F	P	/				0	
	EPD&C-5586	3/1R	P	F	P	/				0	
05-6-2802-2	EPD&C-5513	3/3				/				0	
	EPD&C-5577	3/3				/				0	
	EPD&C-5587	3/3				/				0	
05-6-2803-1	EPD&C-5103	2/1R	P	P	P	/				0	
	EPD&C-5237	2/1R	P	P	P	/				0	
	EPD&C-5241	2/1R	P	P	P	/				0	
	EPD&C-5444	2/1R	P	P	P	/				0	
05-6-2803-2	EPD&C-5102	3/1R	P	F	P	/				17	
	EPD&C-5236	3/1R	P	F	P	/				17	
	EPD&C-5240	3/1R	P	F	P	/				17	
	EPD&C-5443	3/1R	P	F	P	/				17	
05-6-2804-1	EPD&C-5118	2/1R	P	P	P	/				0	
	EPD&C-5442	2/1R	P	P	P	/				0	
05-6-2804-2	EPD&C-5117	3/1R	P	F	P	/				17	
	EPD&C-5441	3/1R	P	F	P	/				17	
05-6-2805-1	EPD&C-5235	2/1R	P	P	P	/				0	
	EPD&C-5238	2/1R	P	P	P	/				0	
05-6-2805-2	EPD&C-5234	3/3				/				0	
	EPD&C-5239	3/3				/				0	
05-6-2807-1	EPD&C-5090	2/1R	P	P	P	/				2	
	EPD&C-5213	2/1R	P	P	P	/				2	
	EPD&C-5426	2/1R	P	P	P	/				2	
05-6-2807-2	EPD&C-5089	3/3				/				0	
	EPD&C-5212	3/3				/				0	
	EPD&C-5425	3/3				/				0	
05-6-2902-1	EPD&C-5514	3/1R	P	F	P	/				0	
	EPD&C-5517	3/1R	P	F	P	/				0	
	EPD&C-5578	3/1R	P	F	P	/				0	
	EPD&C-5581	3/1R	P	F	P	/				0	
	EPD&C-5582	3/1R	P	F	P	/				0	
	EPD&C-5585	3/1R	P	F	P	/				0	
05-6-2902-2	EPD&C-5515	3/1R	P	F	P	/				6	
	EPD&C-5516	3/1R	P	F	P	/				0	
	EPD&C-5579	3/1R	P	F	P	/				0	
	EPD&C-5580	3/1R	P	F	P	/				0	
	EPD&C-5583	3/1R	P	F	P	/				0	

IDENTIFIERS		NASA			IOA RECOMMENDATIONS					ISSUE
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)
05-6-2902-2	EPD&C-5584	3/1R	P	F	P	/				8
05-6-2902-3	EPD&C-5514A	3/1R	P	F	P	/				0
	EPD&C-5517A	3/1R	P	F	P	/				0
	EPD&C-5578A	3/1R	P	F	P	/				0
	EPD&C-5581A	3/1R	P	F	P	/				0
	EPD&C-5582A	3/1R	P	F	P	/				0
	EPD&C-5585A	3/1R	P	F	P	/				0
05-6-2903-1	EPD&C-5811	3/1R	P	F	P	/				0
	EPD&C-5814	3/1R	P	F	P	/				0
	EPD&C-5815	3/1R	P	F	P	/				0
	EPD&C-5818	3/1R	P	F	P	/				0
	EPD&C-5819	3/1R	P	F	P	/				0
	EPD&C-5822	3/1R	P	F	P	/				0
	EPD&C-5823	3/1R	P	F	P	/				0
	EPD&C-5826	3/1R	P	F	P	/				0
05-6-2903-2	EPD&C-5812	3/1R	P	F	P	/				8
	EPD&C-5813	3/1R	P	F	P	/				8
	EPD&C-5816	3/1R	P	F	P	/				8
	EPD&C-5817	3/1R	P	F	P	/				8
	EPD&C-5820	3/1R	P	F	P	/				8
	EPD&C-5821	3/1R	P	F	P	/				8
	EPD&C-5824	3/1R	P	F	P	/				8
	EPD&C-5825	3/1R	P	F	P	/				8
05-6-2904-1	EPD&C-6709X	/				/				0
05-6-2904-2	EPD&C-6710X	/				/				0
05-6EB-2004-1	EPD&C-5980	2/1R	P	P	P	/				0
	EPD&C-5982	2/1R	P	P	P	/				0
	EPD&C-5984	2/1R	P	P	P	/				0
	EPD&C-5986	2/1R	P	P	P	/				0
	EPD&C-6160	2/1R	P	P	P	/				0
	EPD&C-6163	2/1R	P	P	P	/				0
	EPD&C-6168	2/1R	P	P	P	/				0
	EPD&C-6171	2/1R	P	P	P	/				0
	EPD&C-6336	2/1R	P	P	P	/				0
	EPD&C-6338	2/1R	P	P	P	/				0
	EPD&C-6340	2/1R	P	P	P	/				0
	EPD&C-6342	2/1R	P	P	P	/				0
05-6EB-2004-2	EPD&C-5981	3/1R	P	F	P	/				2
	EPD&C-5983	3/1R	P	F	P	/				2
	EPD&C-5985	3/1R	P	F	P	/				2
	EPD&C-5987	3/1R	P	F	P	/				2
	EPD&C-6161	3/1R	P	F	P	/				2
	EPD&C-6162	3/1R	P	F	P	/				2
	EPD&C-6169	3/1R	P	F	P	/				2
	EPD&C-6170	3/1R	P	F	P	/				2
	EPD&C-6337	3/1R	P	F	P	/				2
	EPD&C-6339	3/1R	P	F	P	/				2
	EPD&C-6341	3/1R	P	F	P	/				2
	EPD&C-6343	3/1R	P	F	P	/				2
DELETED	EPD&C-5400	/				/				12

IDENTIFIERS		NASA			IOA RECOMMENDATIONS *							
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C			CRIT HW/F	SCREENS A B C			OTHER (SEE LEGEND CODE)	ISSUE	
NEW # UNKNOWN	EPD&C-5065	3/1R	P	P	P	/				5		
	EPD&C-5192	3/1R	P	P	P	/				5		
	EPD&C-5397	3/3				/				0		
	EPD&C-5489	3/1R	P	P	P	/				5		
	EPD&C-5554	3/1R	P	P	P	/				5		
	EPD&C-5605	3/1R	P	P	P	/				5		
	EPD&C-5903	3/3				/				0		
	EPD&C-5904	3/3				/				0		
	EPD&C-6026	3/3				/				0		
	EPD&C-6027	3/3				/				0		
	EPD&C-6392	3/3				/				0		
	EPD&C-6393	3/3				/				0		
	NONE	EPD&C-5788	/				3/3				13	
		EPD&C-5789	/				3/3				13	
		EPD&C-6566	/				/				13	
EPD&C-6567		/				/				13		
EPD&C-6568		/				/				13		
EPD&C-6569		/				/				13		
EPD&C-6570		/				/				13		
EPD&C-6571		/				/				13		
EPD&C-6572		/				/				13		
EPD&C-6573		/				/				13		
EPD&C-6586		/				3/1R	P	P	P	13		
EPD&C-6587		/				/				13		
EPD&C-6588		/				3/1R	P	P	P	13		
EPD&C-6589		/				/				13		
EPD&C-6590		/				3/1R	P	P	P	13		
EPD&C-6591		/				/				13		
EPD&C-6592		/				3/1R	P	P	P	13		
EPD&C-6593		/				/				13		
EPD&C-6602		/				3/1R	P	P	P	13		
EPD&C-6603		/				/				13		
EPD&C-6604		/				3/1R	P	P	P	13		
EPD&C-6605		/				/				13		
EPD&C-6606		/				3/1R	P	P	P	13		
EPD&C-6607		/				/				13		
EPD&C-6608		/				3/1R	P	P	P	13		
EPD&C-6609		/				/				13		
EPD&C-6610		/				/				13		
EPD&C-6611		/				/				13		
EPD&C-6612		/				/				13		
EPD&C-6613		/				/				13		
EPD&C-6614		/				/				13		
EPD&C-6615		/				/				12		
EPD&C-6616		/				/				13		
EPD&C-6617		/				/				13		
EPD&C-6618		/				/				13		
EPD&C-6619	/				/				13			
EPD&C-6620	/				/				13			
EPD&C-6621	/				/				13			

IDENTIFIERS		NASA		IOA RECOMMENDATIONS *			
NASA FMEA NUMBER	IOA ASSESSMENT NUMBER	CRIT HW/F	SCREENS A B C	CRIT HW/F	SCREENS A B C	OTHER (SEE LEGEND CODE)	ISSUE
NOT FOUND	EPD&C-5094	/		/		12	
	EPD&C-5218	/		/		12	
	EPD&C-5363	/		/		12	
	EPD&C-5428	/		/		12	
	EPD&C-5497	/		/		12	
	EPD&C-5508	/		/		12	
	EPD&C-5561	/		/		12	
	EPD&C-5562	/		/		12	
	EPD&C-5591	/		/		12	
	EPD&C-5592	/		/		12	

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